

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040683.D
 Acq On : 14 Sep 2023 13:46
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 14 14:42:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.185	49	1175923	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2996181	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2890100m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2288772 9.958 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	2419577	9.553	ppbv	99
3) Chlorodifluoromethane	2.665	51	1716313	8.889	ppbv	95
4) Chloromethane	2.803	50	667781	8.867	ppbv	98
5) Vinyl Chloride	2.909	62	738906	9.241	ppbv	100
6) Bromomethane	3.108	94	405262	9.668	ppbv	96
7) Chloroethane	3.189	64	277594	9.517	ppbv	91
8) Dichlorotetrafluoroethane	2.848	85	1981695	9.667	ppbv	99
9) Propene	2.684	41	493361	8.246	ppbv	100
10) Heptane	7.574	43	1256339	9.119	ppbv	99
11) Trichlorofluoromethane	3.552	101	2143449	10.483	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1522129	10.029	ppbv	99
13) Ethanol	3.227	45	145787	8.732	ppbv	95
14) Bromoethene	3.356	108	652686	10.591	ppbv	98
15) Acetone	3.455	43	1326105	9.220	ppbv	99
16) 1,3-Butadiene	2.973	39	687278	9.608	ppbv	98
17) tert-Butyl alcohol	3.867	59	1544005	10.122	ppbv	99
18) 1,1-Dichloroethene	3.870	96	688483	10.010	ppbv	97
19) Isopropyl Alcohol	3.565	45	951256	10.430	ppbv	100
20) Methylene Chloride	3.922	84	596347	8.484	ppbv	95
21) Allyl Chloride	3.986	41	915756	9.626	ppbv	96
22) trans-1,2-Dichloroethene	4.433	96	706343	10.462	ppbv	98
23) Vinyl Acetate	4.616	43	1556292	9.496	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1415861	10.102	ppbv	99
25) Ethyl Acetate	5.195	43	2329326	8.623	ppbv	100
26) Hexane	5.205	57	1006889	7.704	ppbv	94
27) Carbon Disulfide	4.115	76	1719745	11.053	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	980768	9.707	ppbv	100
29) Chloroform	5.266	83	1899705	9.183	ppbv	100
30) Cyclohexane	6.594	84	869961	8.699	ppbv	98
31) cis-1,2-Dichloroethene	5.070	61	1060279	8.989	ppbv	94
32) 1,1,1-Trichloroethane	5.996	97	1940995	9.798	ppbv	99
34) 2-Butanone	4.777	43	1403471	9.289	ppbv	98
35) Carbon Tetrachloride	6.484	117	2057973	10.977	ppbv	97
36) Benzene	6.362	78	2131865	8.944	ppbv	97
37) 1,2-Dichloroethane	5.799	62	1459338	10.152	ppbv	98
38) Trichloroethene	7.285	130	915444	9.919	ppbv	96
39) 1,2-Dichloropropane	7.066	63	820034	9.043	ppbv	97
40) 1,4-Dioxane	7.279	88	368539	10.727	ppbv #	1
41) Tetrahydrofuran	5.549	42	751022	8.794	ppbv	99
42) Bromodichloromethane	7.243	83	2073537	10.363	ppbv	98
43) Methyl Methacrylate	7.468	69	886491	9.933	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	3544470	9.200	ppbv	97
45) t-1,3-Dichloropropene	8.703	75	767696	10.771	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

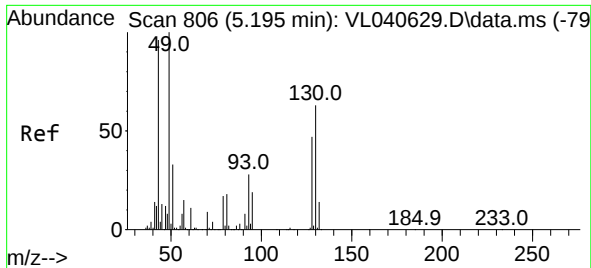
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	882266	10.147	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	955193	9.325	ppbv	97
48) Dibromochloromethane	9.703	129	1717461	10.713	ppbv	99
49) Bromoform	12.404	173	1482675	11.543	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2161594	9.793	ppbv	98
51) 2-Hexanone	9.545	43	1569123	10.089	ppbv #	97
52) Tetrachloroethene	10.610	164	790140	10.585	ppbv	96
53) Toluene	9.217	91	2538829	10.023	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1376935	10.557	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1298581	9.711	ppbv	96
57) Chlorobenzene	11.523	112	2067828	9.271	ppbv	98
58) Ethyl Benzene	12.082	91	3536716	10.148	ppbv	100
59) m/p-Xylene	12.368	91	6359063m	20.003	ppbv	
60) o-Xylene	13.053	91	3077163	10.212	ppbv	99
61) Styrene	12.896	104	1471009	11.142	ppbv	98
62) Isopropylbenzene	14.024	105	4476584	9.817	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	2221203	9.843	ppbv	98
64) n-propylbenzene	14.912	120	1152034	9.996	ppbv	100
65) tert-Butylbenzene	16.085	119	4040586	10.223	ppbv	98
66) Benzyl Chloride	16.323	91	500252	10.065	ppbv	100
67) sec-Butylbenzene	16.632	105	5704979	9.894	ppbv	99
69) p-Isopropyltoluene	16.992	119	4627903	10.257	ppbv	99
70) n-Butylbenzene	17.883	91	5025551	10.202	ppbv	100
71) 2-Chlorotoluene	14.796	91	3493873	10.326	ppbv	99
72) 4-Ethyltoluene	15.188	105	3589579	10.553	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3130023	10.294	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	3570409	10.054	ppbv #	92
75) 1,3-Dichlorobenzene	16.326	146	2041281	9.942	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1969146	9.811	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1947945	9.643	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	1380087	9.004	ppbv	99
79) Naphthalene	21.378	128	2862472	12.206	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	788487	11.683	ppbv	95
81) 1,2,4-Trichlorobenzene	21.136	180	1531360	9.921	ppbv	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



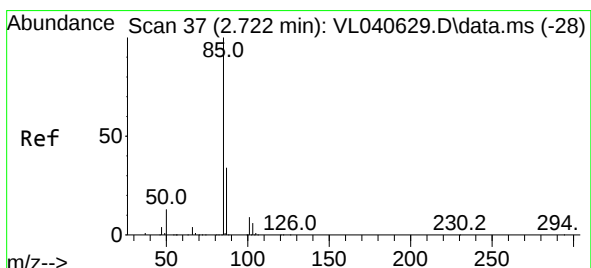
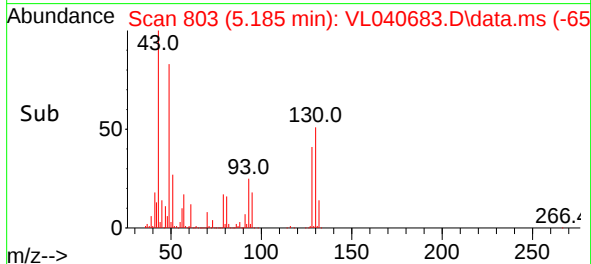
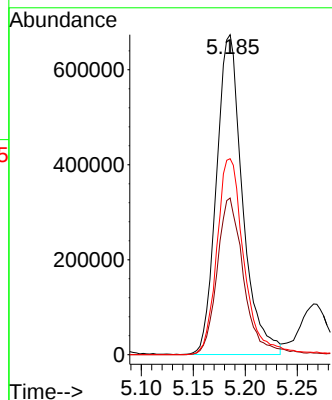
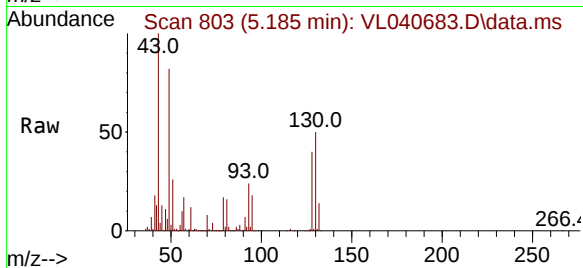
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 117592
Ion Ratio Lower Upper
49 100
128 50.7 24.9 74.7
130 64.5 32.2 96.6

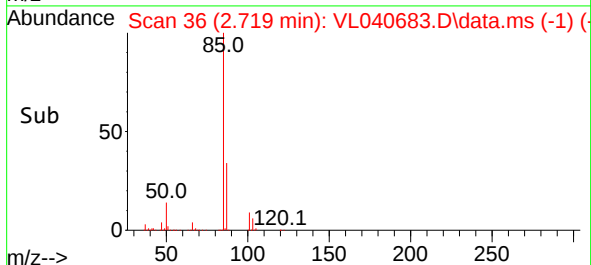
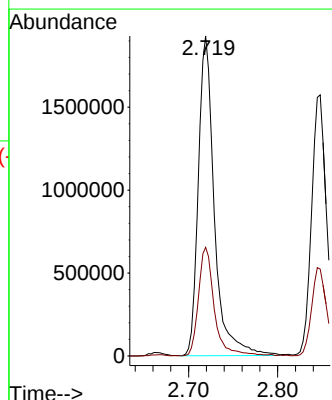
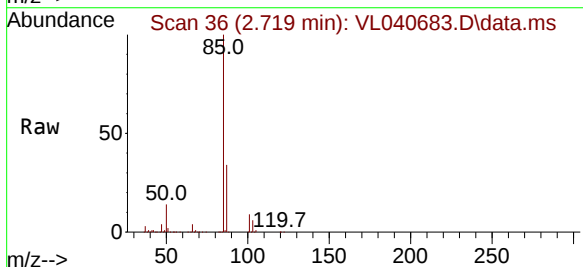
Manual Integrations
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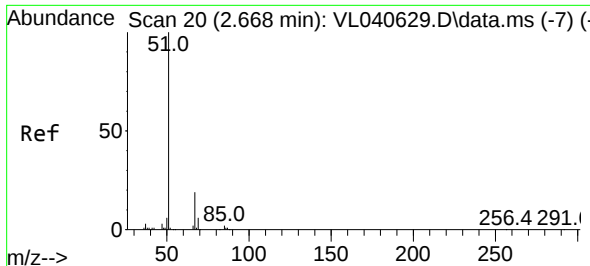
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#2
Dichlorodifluoromethane
Concen: 9.553 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 85 Resp: 2419577
Ion Ratio Lower Upper
85 100
87 34.0 27.5 41.3





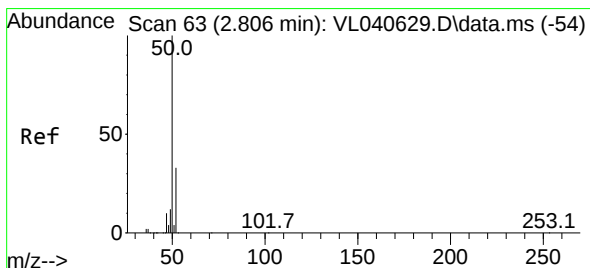
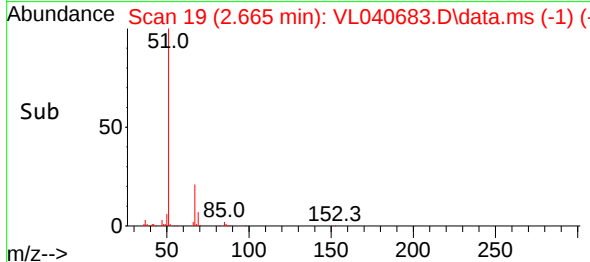
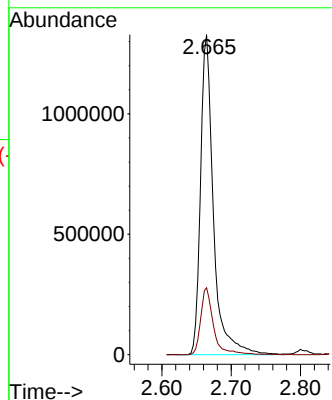
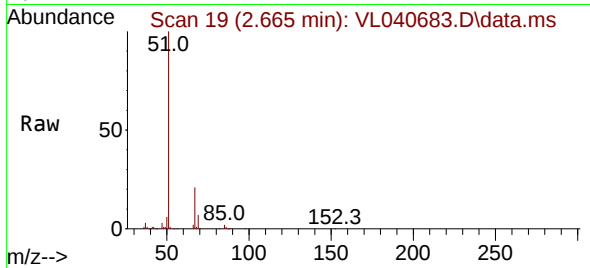
#3
Chlorodifluoromethane
Concen: 8.889 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 171631
Ion Ratio Lower Upper
51 100
67 20.9 15.0 22.6

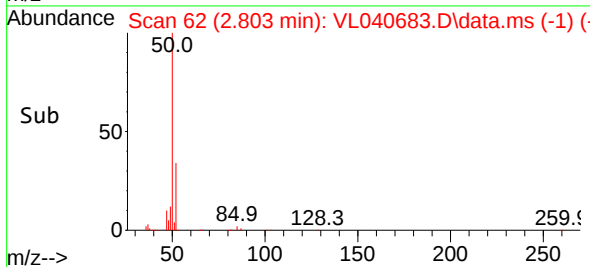
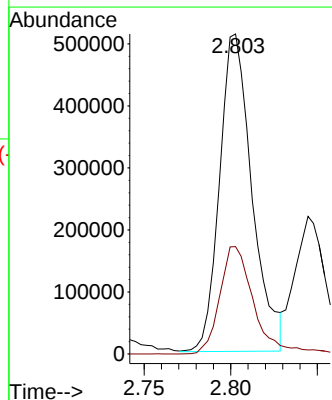
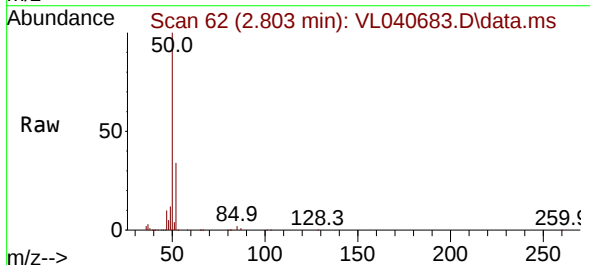
Manual Integrations
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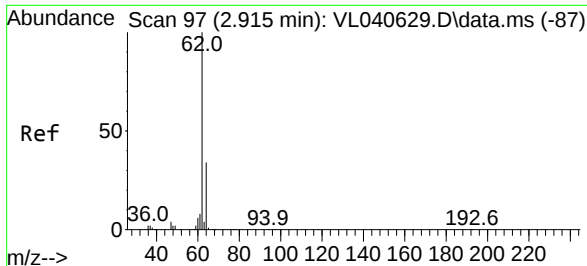
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#4
Chloromethane
Concen: 8.867 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 50 Resp: 667781
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2





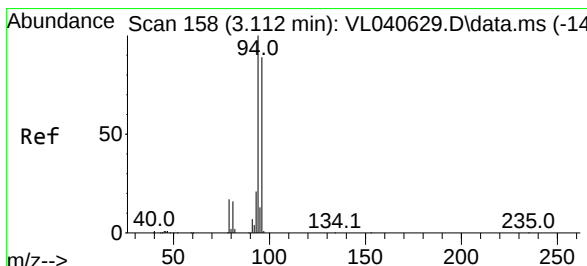
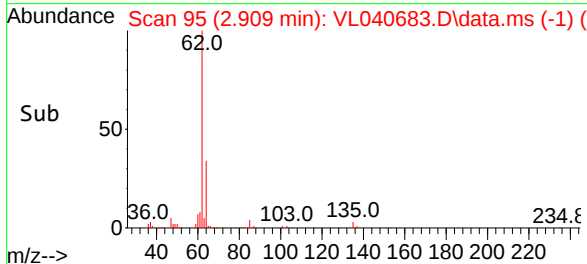
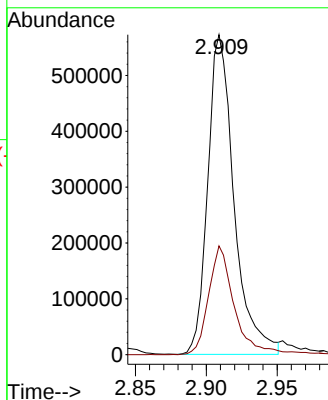
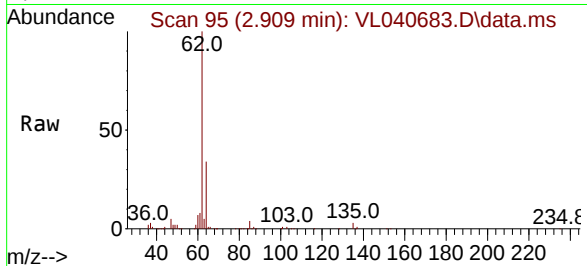
#5
 Vinyl Chloride
 Concen: 9.241 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 738900
 Ion Ratio Lower Upper
 62 100
 64 34.0 27.0 40.6

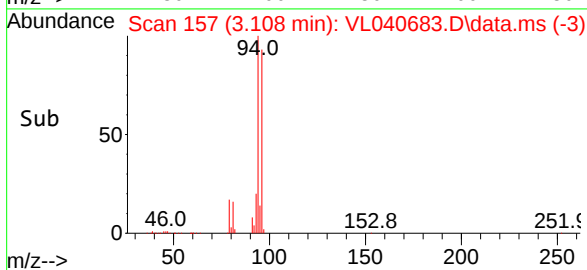
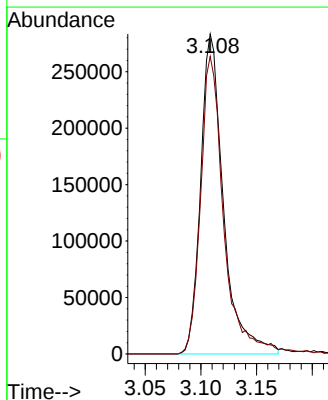
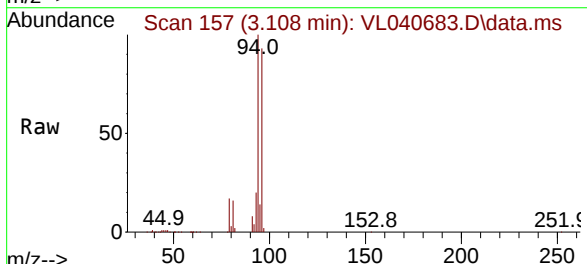
Manual Integrations
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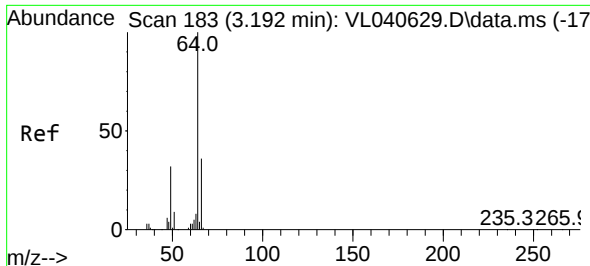
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#6
 Bromomethane
 Concen: 9.668 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

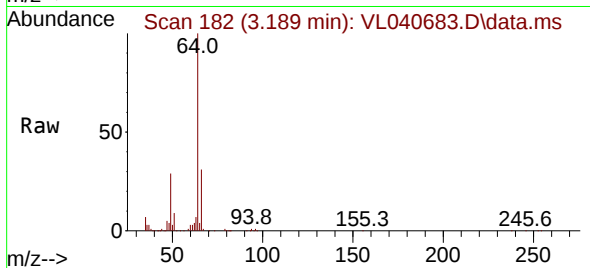
Tgt Ion: 94 Resp: 405262
 Ion Ratio Lower Upper
 94 100
 96 93.0 71.5 107.3





#7
Chloroethane
Concen: 9.517 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

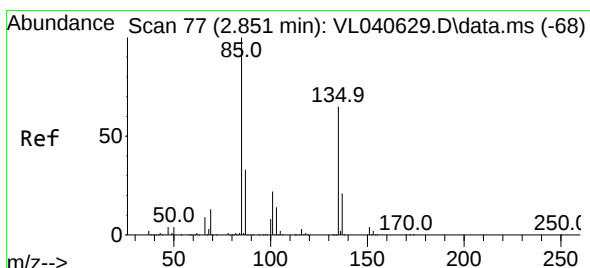
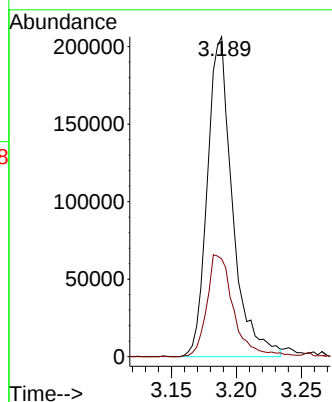
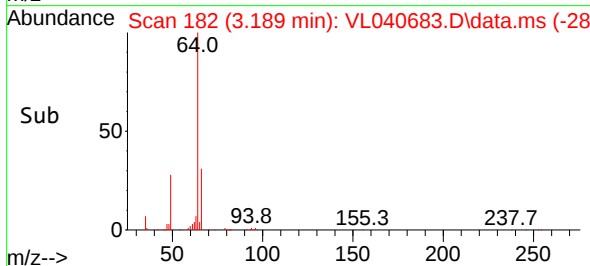
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 277594
Ion Ratio Lower Upper
64 100
66 30.6 28.7 43.1

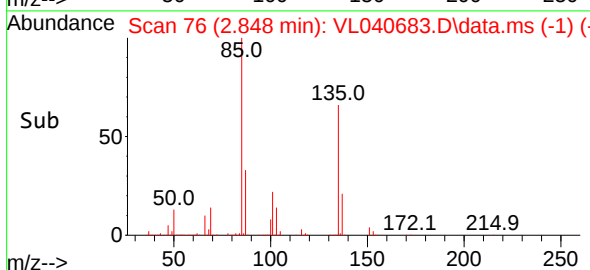
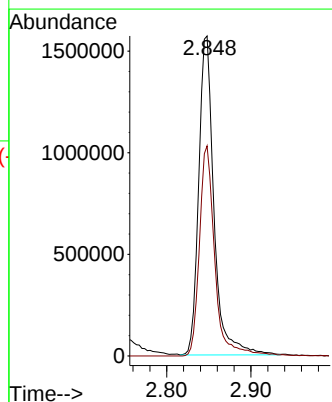
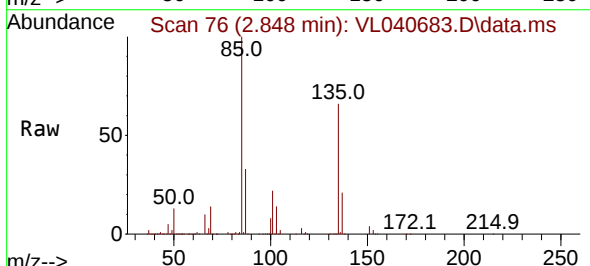
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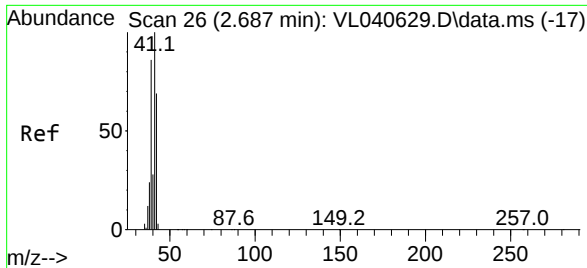
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 9.667 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 85 Resp: 1981695
Ion Ratio Lower Upper
85 100
135 66.8 52.8 79.2





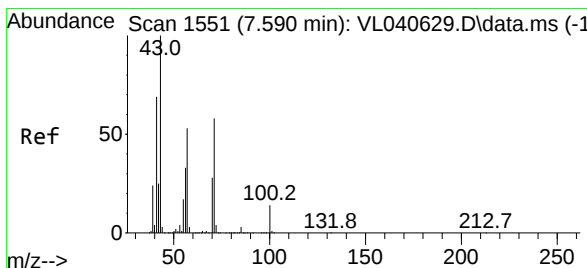
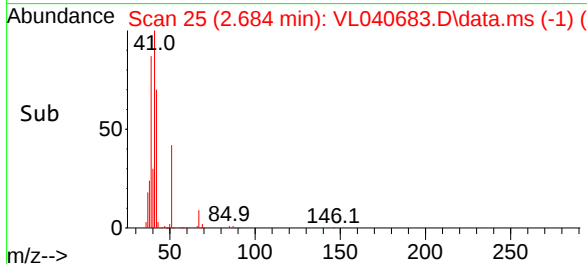
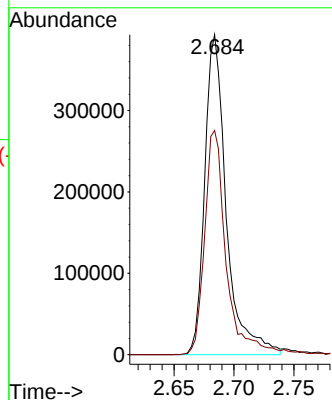
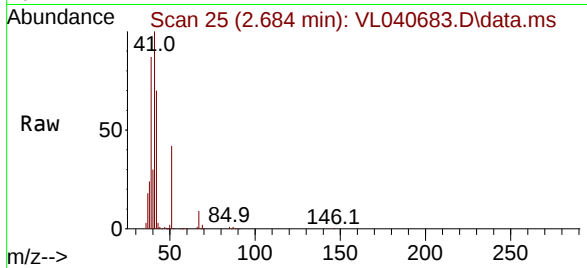
#9
 Propene
 Concen: 8.246 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 49336
 Ion Ratio Lower Upper
 41 100
 42 70.9 56.5 84.7

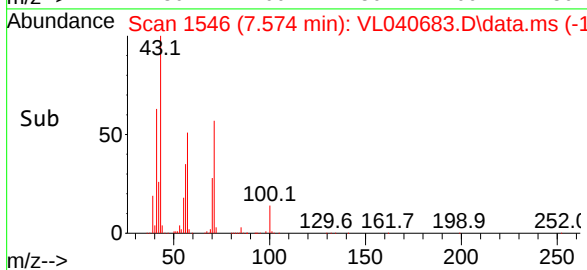
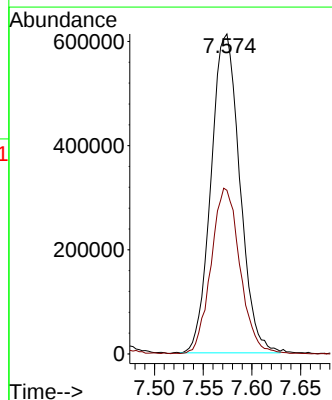
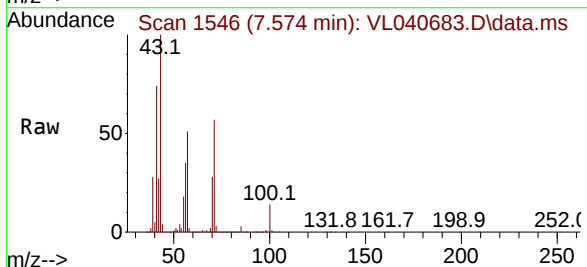
Manual Integrations
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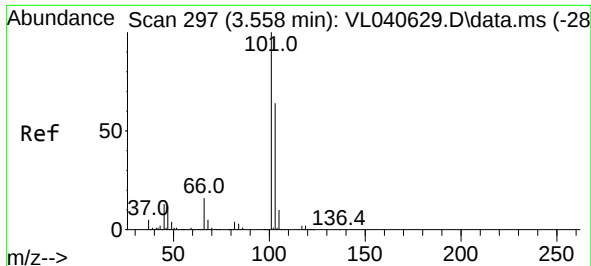
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#10
 Heptane
 Concen: 9.119 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.016 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

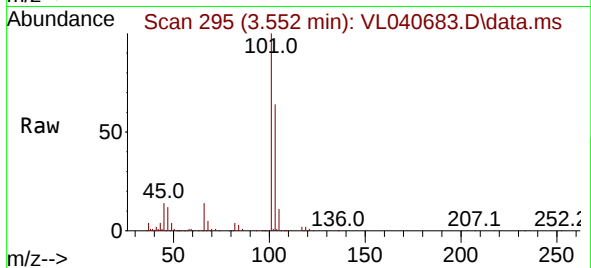
Tgt Ion: 43 Resp: 1256339
 Ion Ratio Lower Upper
 43 100
 57 52.2 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.483 ppbv
 RT: 3.552 min Scan# 297
 Delta R.T. -0.006 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

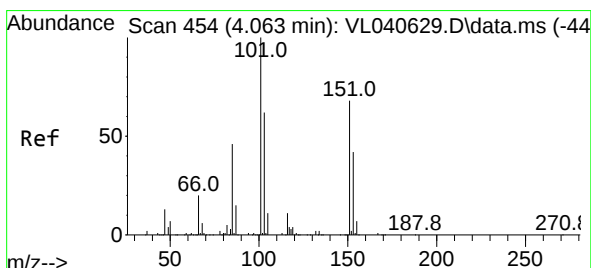
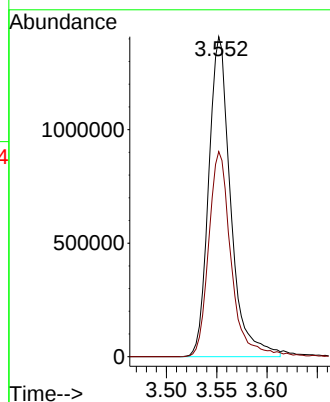
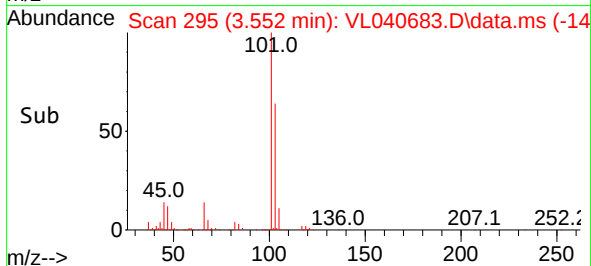
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



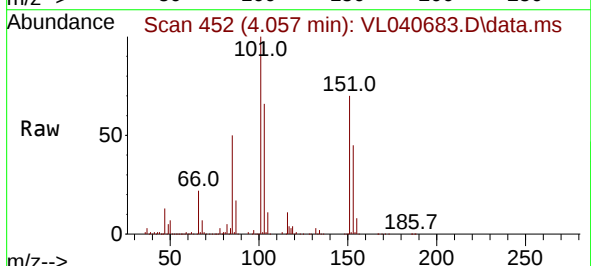
Tgt Ion:101 Resp: 2143449
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.1 76.7

Manual Integrations
 APPROVED

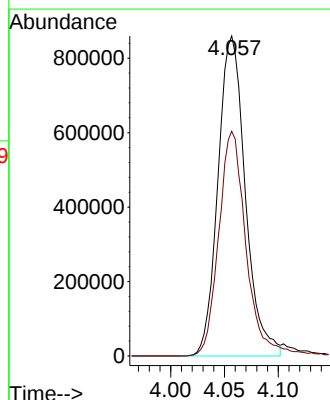
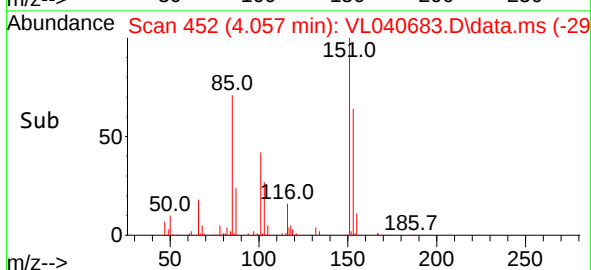
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

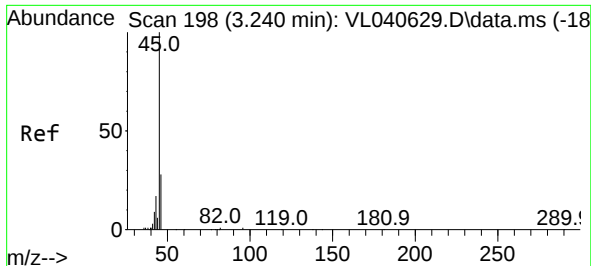


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.029 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.006 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46



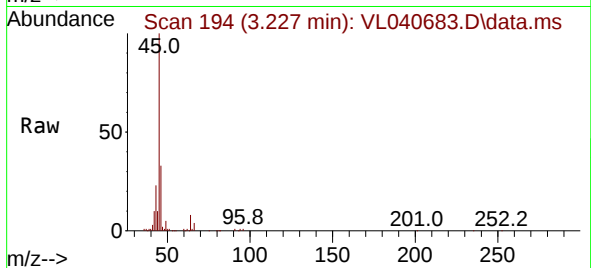
Tgt Ion:101 Resp: 1522129
 Ion Ratio Lower Upper
 101 100
 151 71.0 56.2 84.2





#13
Ethanol
Concen: 8.732 ppbv
RT: 3.227 min Scan# 198
Delta R.T. -0.013 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

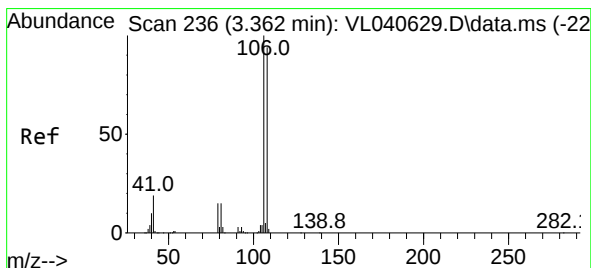
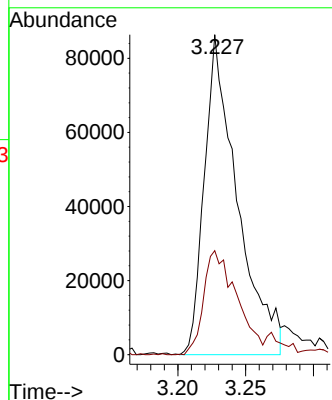
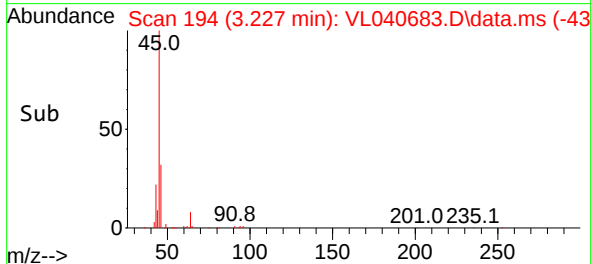
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



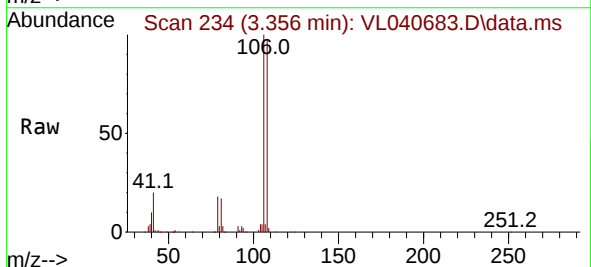
Tgt Ion: 45 Resp: 14578
Ion Ratio Lower Upper
45 100
46 38.1 14.2 56.6

Manual Integrations
APPROVED

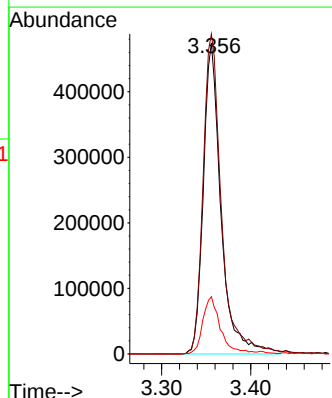
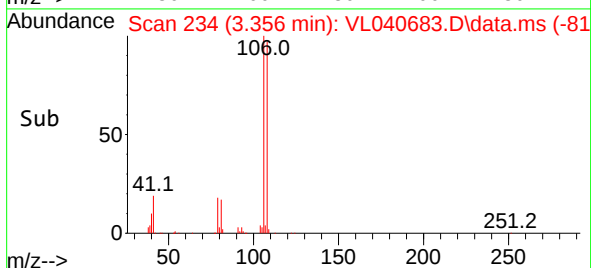
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

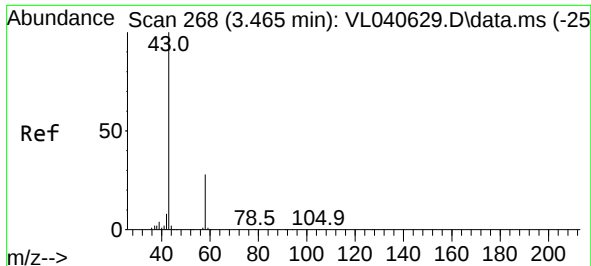


#14
Bromoethene
Concen: 10.591 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.006 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



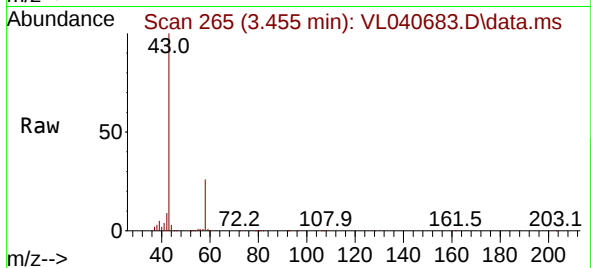
Tgt Ion:108 Resp: 652686
Ion Ratio Lower Upper
108 100
106 107.5 87.3 130.9
79 19.5 14.4 21.6





#15
Acetone
Concen: 9.220 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

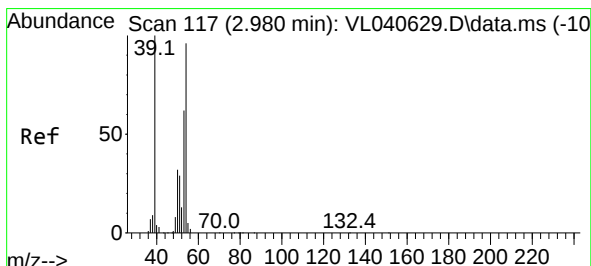
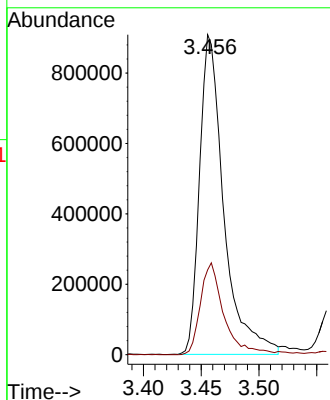
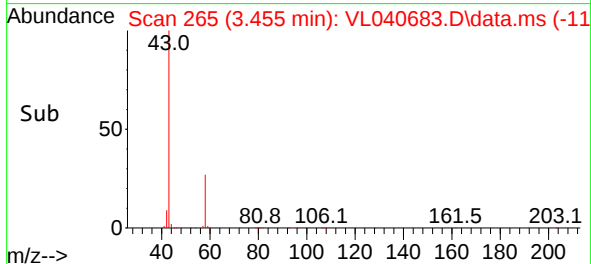
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



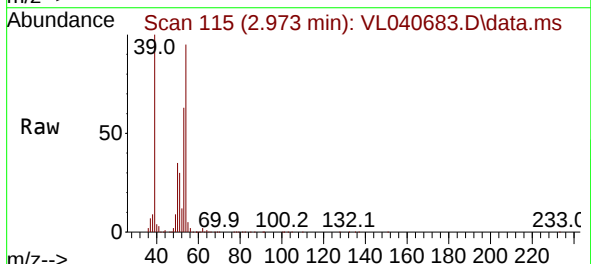
Tgt Ion: 43 Resp: 132610
Ion Ratio Lower Upper
43 100
58 28.3 22.4 33.6

Manual Integrations
APPROVED

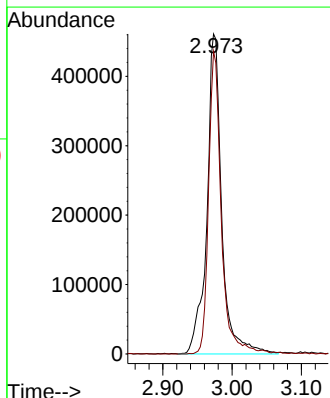
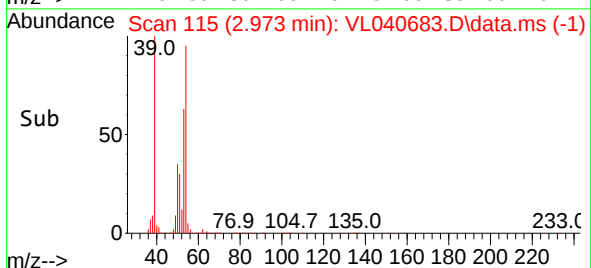
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

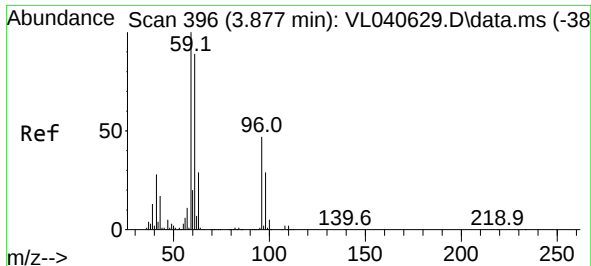


#16
1,3-Butadiene
Concen: 9.608 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.006 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



Tgt Ion: 39 Resp: 687278
Ion Ratio Lower Upper
39 100
54 81.0 66.6 99.8





#17

tert-Butyl alcohol

Concen: 10.122 ppbv

RT: 3.867 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 154400

Ion Ratio Lower Upper

59 100

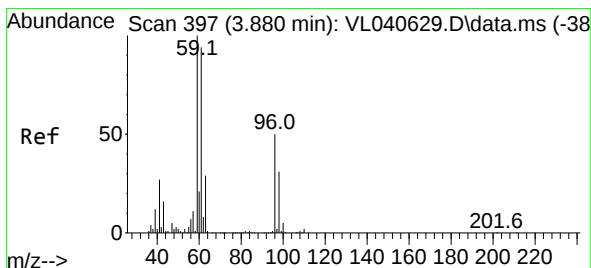
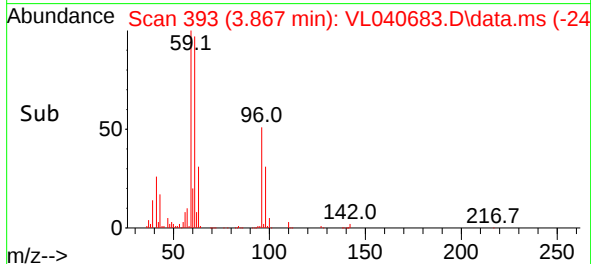
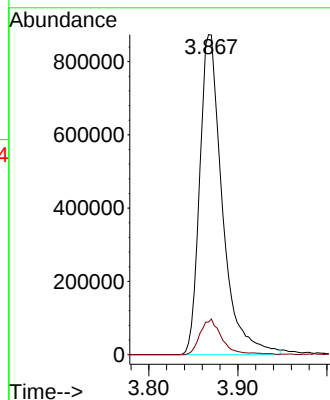
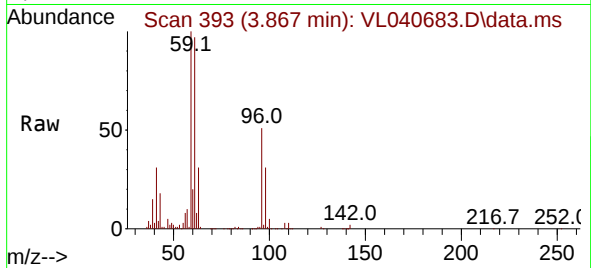
57 10.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 10.010 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.010 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

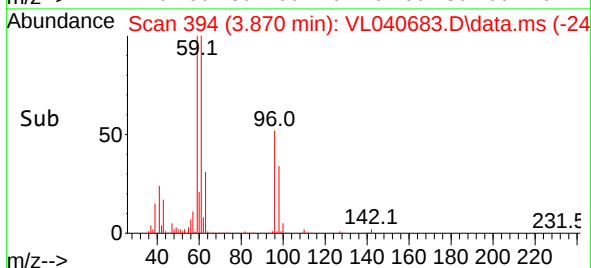
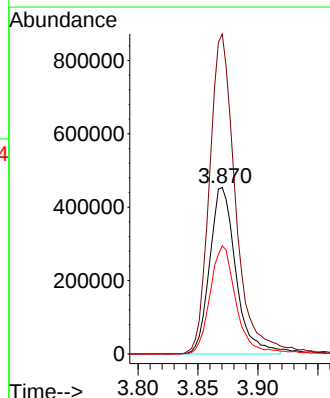
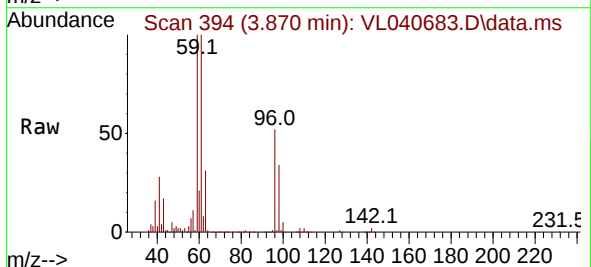
Tgt Ion: 96 Resp: 688483

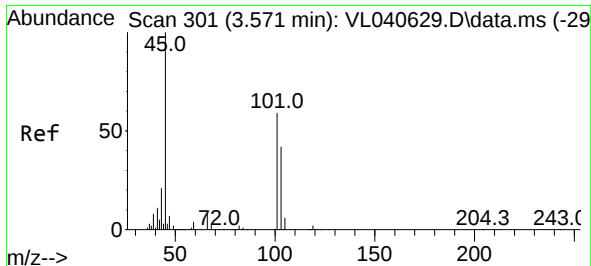
Ion Ratio Lower Upper

96 100

61 192.0 150.4 225.6

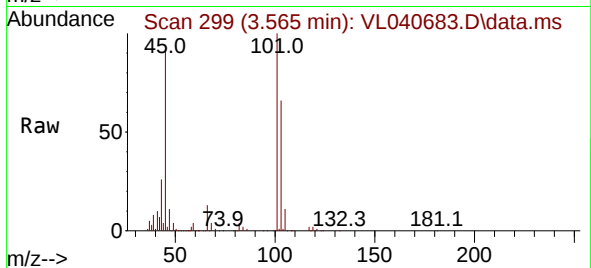
98 64.9 49.7 74.5





#19
Isopropyl Alcohol
Concen: 10.430 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.006 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

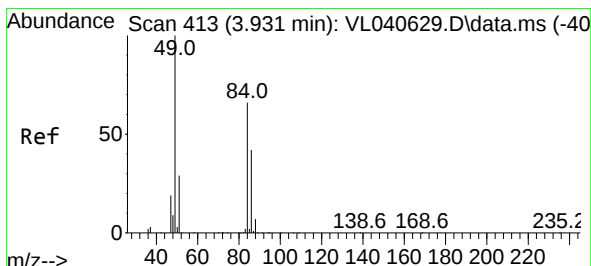
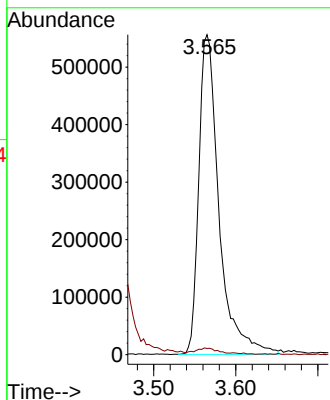
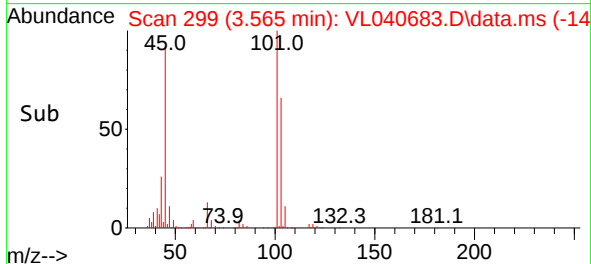
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



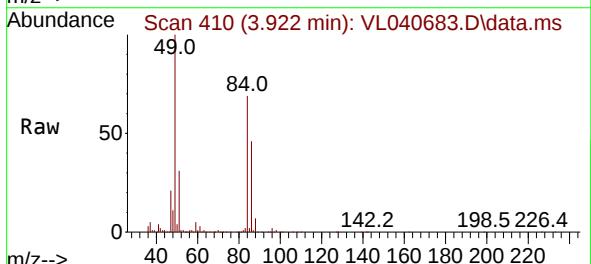
Tgt Ion: 45 Resp: 951250
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9

Manual Integrations
APPROVED

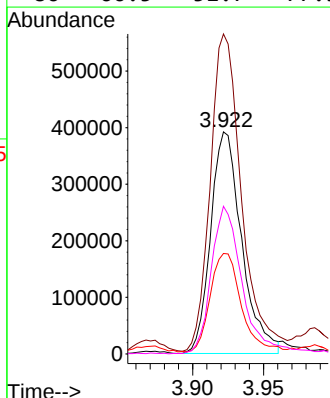
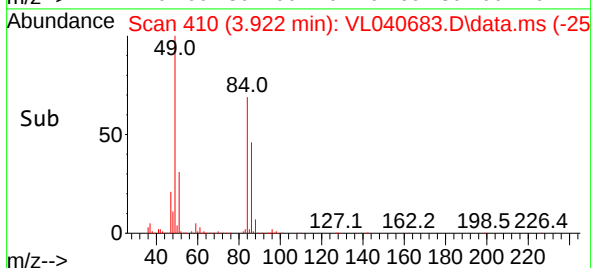
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

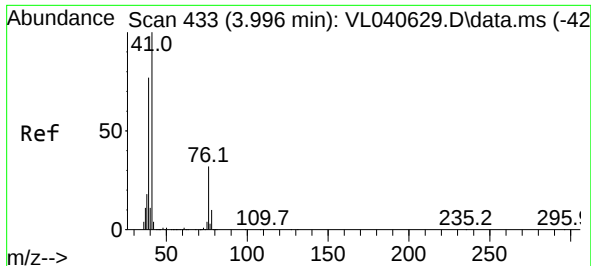


#20
Methylene Chloride
Concen: 8.484 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



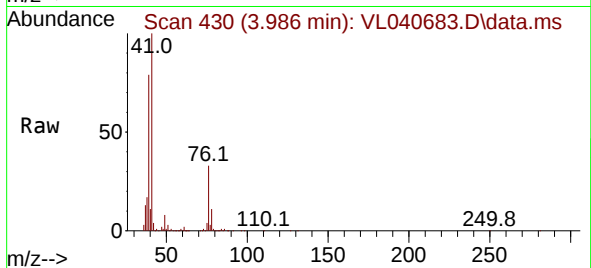
Tgt Ion: 84 Resp: 596347
Ion Ratio Lower Upper
84 100
49 143.0 122.1 183.1
51 44.4 35.4 53.2
86 66.5 51.7 77.5





#21
 Allyl Chloride
 Concen: 9.626 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

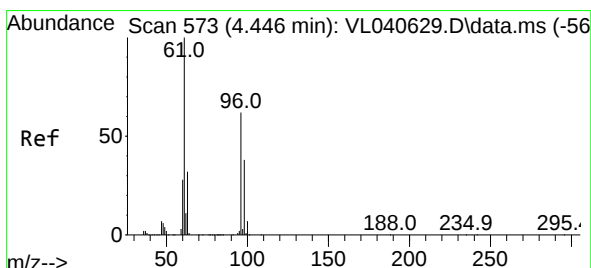
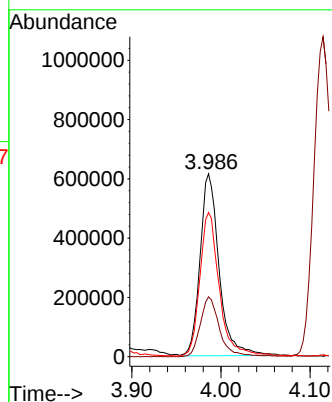
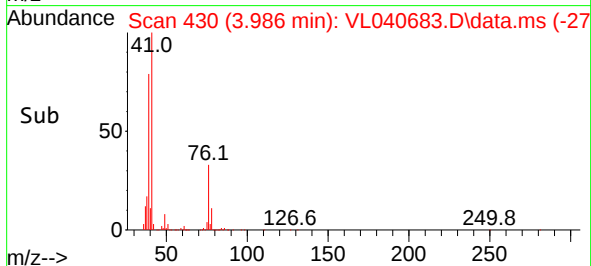
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



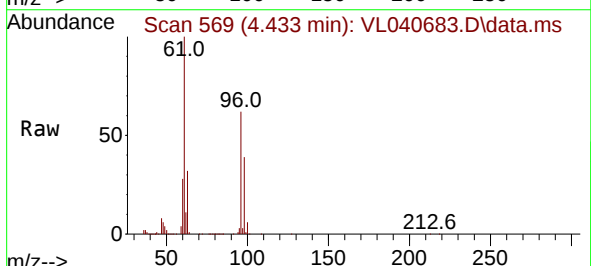
Tgt Ion: 41 Resp: 915750
 Ion Ratio Lower Upper
 41 100
 76 33.3 25.5 38.3
 39 81.2 61.8 92.6

Manual Integrations
 APPROVED

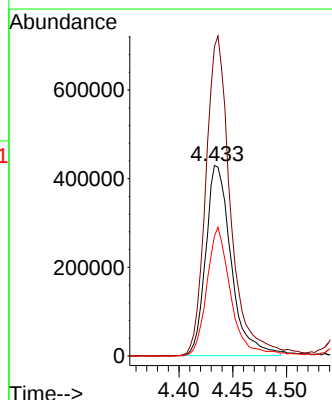
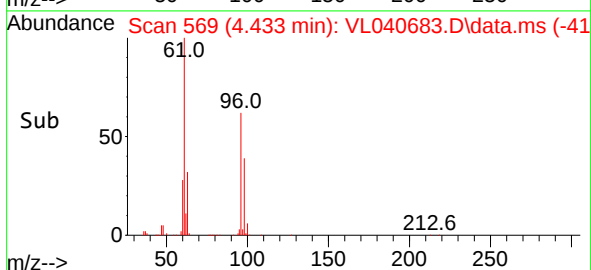
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

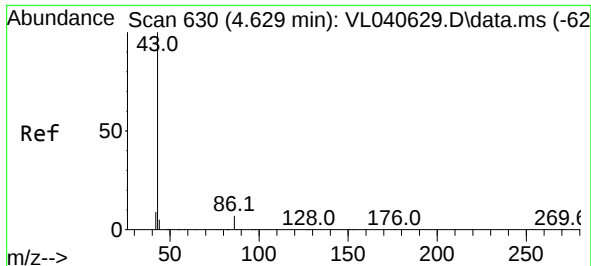


#22
 trans-1,2-Dichloroethene
 Concen: 10.462 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.013 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46



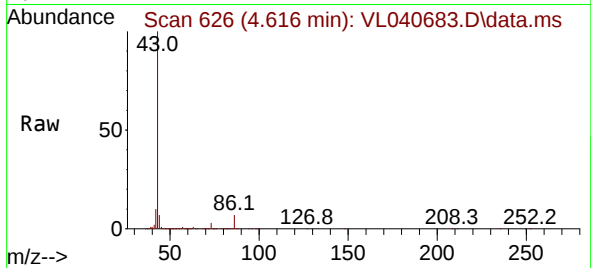
Tgt Ion: 96 Resp: 706343
 Ion Ratio Lower Upper
 96 100
 61 162.4 128.1 192.1
 98 62.8 48.1 72.1





#23
 Vinyl Acetate
 Concen: 9.496 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

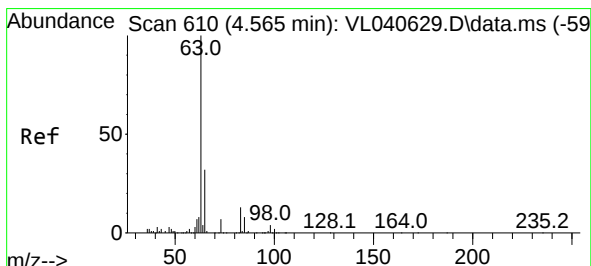
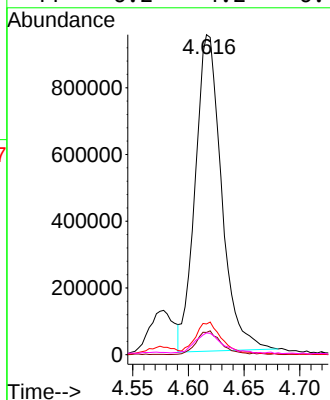
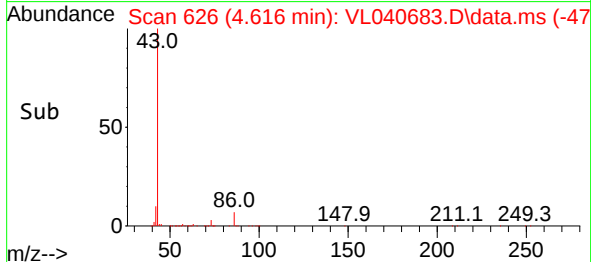
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 43 Resp: 155629
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.0 7.6
 42 9.5 7.8 11.8
 44 6.2 4.2 6.4

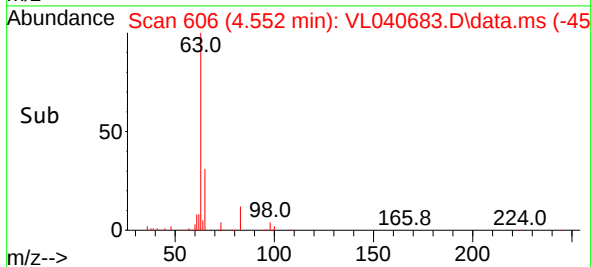
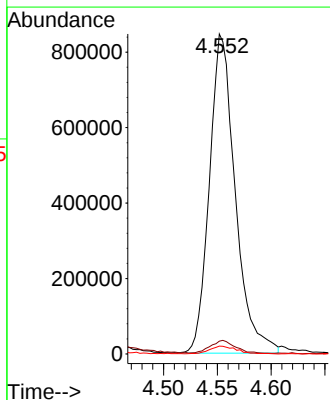
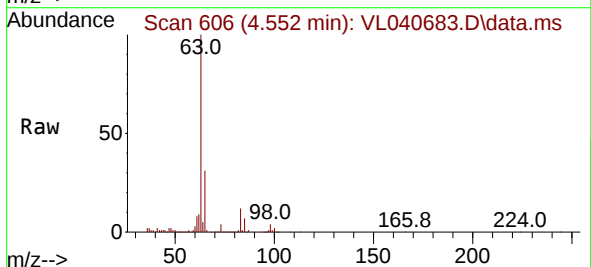
Manual Integrations
 APPROVED

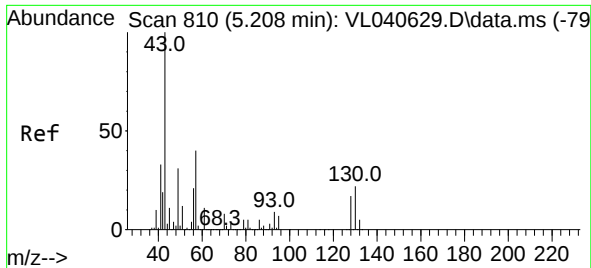
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#24
 1,1-Dichloroethane
 Concen: 10.102 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.013 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

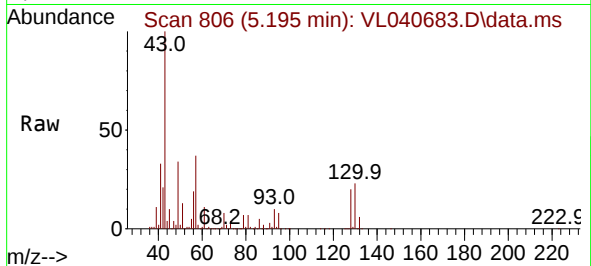
Tgt Ion: 63 Resp: 1415861
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.4 1.1 3.3





#25
Ethyl Acetate
Concen: 8.623 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.013 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

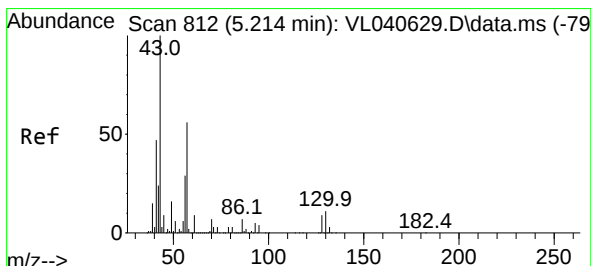
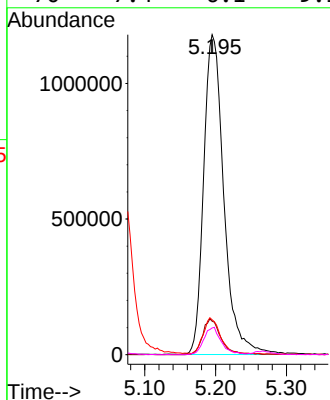
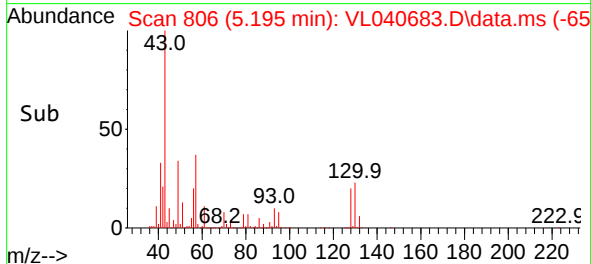
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



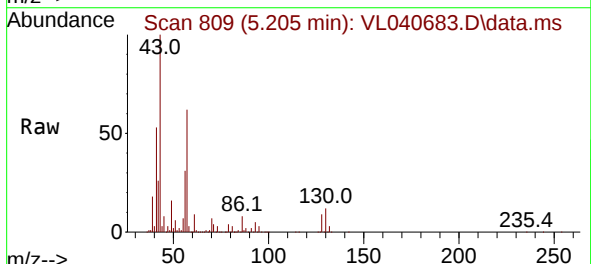
Tgt Ion: 43 Resp: 2329320
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.3 8.3 12.5
70 7.4 6.1 9.1

Manual Integrations
APPROVED

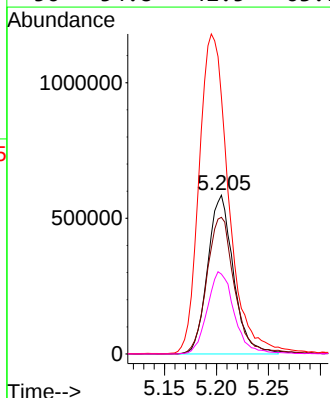
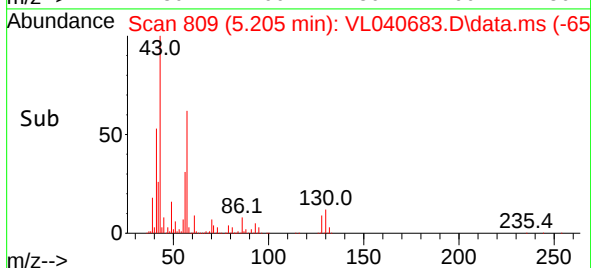
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

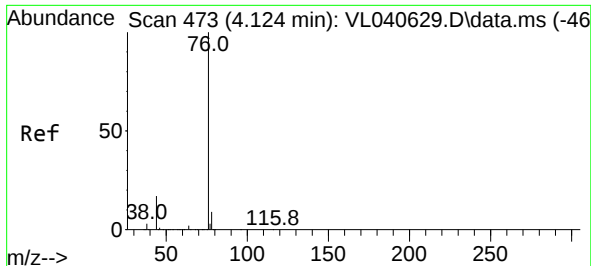


#26
Hexane
Concen: 7.704 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



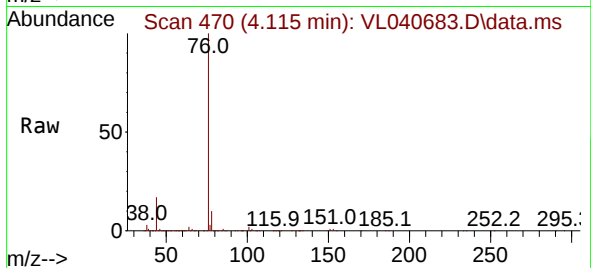
Tgt Ion: 57 Resp: 1006889
Ion Ratio Lower Upper
57 100
41 94.0 69.3 103.9
43 232.0 177.9 266.9
56 54.8 42.5 63.7





#27
Carbon Disulfide
Concen: 11.053 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

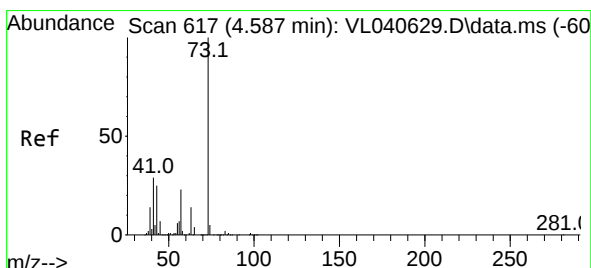
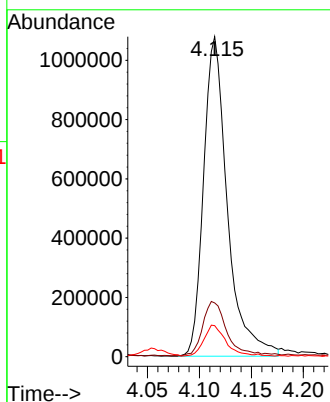
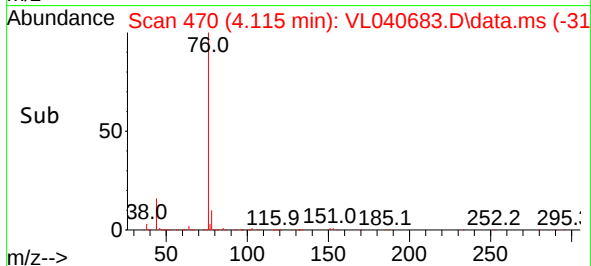
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 171974
Ion Ratio Lower Upper
76 100
44 18.1 14.3 21.5
78 9.6 7.4 11.0

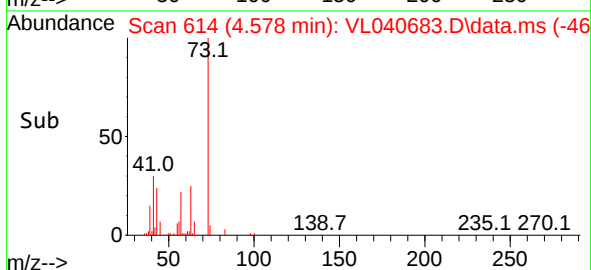
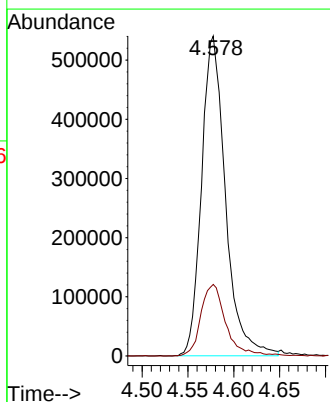
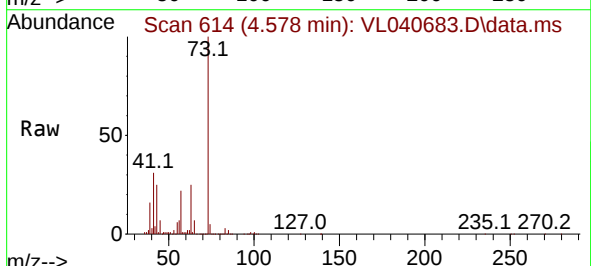
Manual Integrations
APPROVED

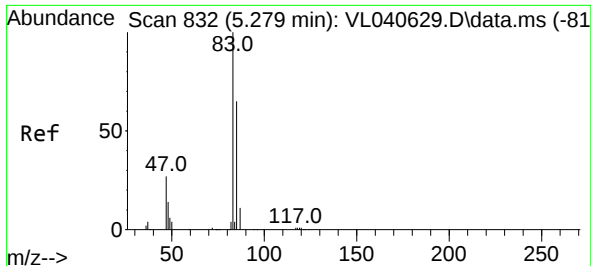
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#28
Methyl tert-Butyl Ether
Concen: 9.707 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.010 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 73 Resp: 980768
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29

Chloroform

Concen: 9.183 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 189970

Ion Ratio Lower Upper

83 100

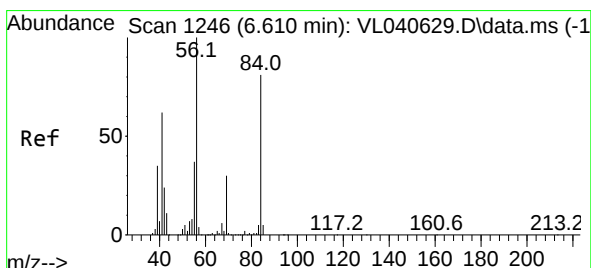
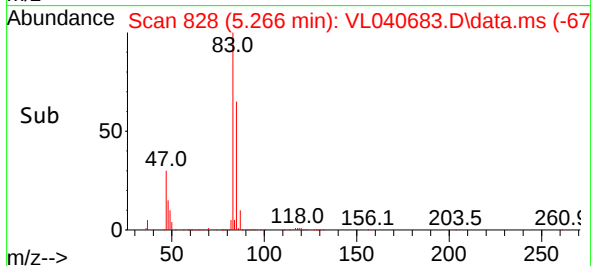
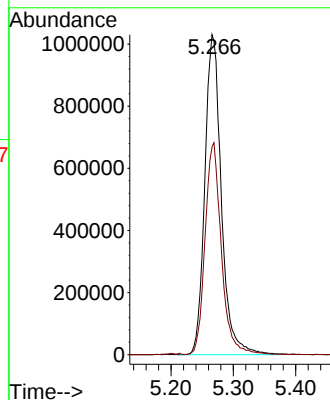
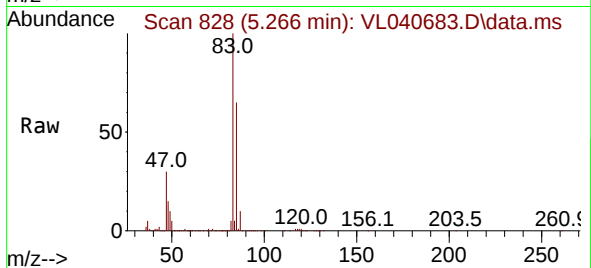
85 64.8 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 8.699 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

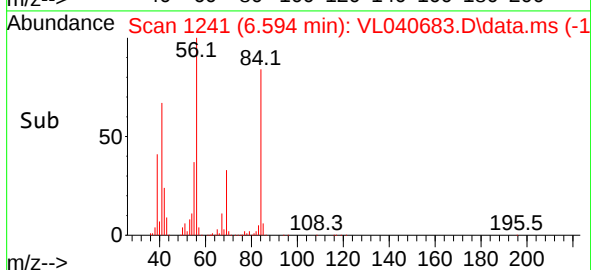
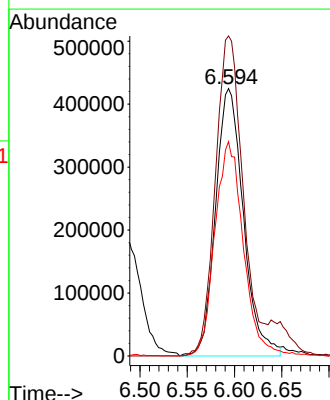
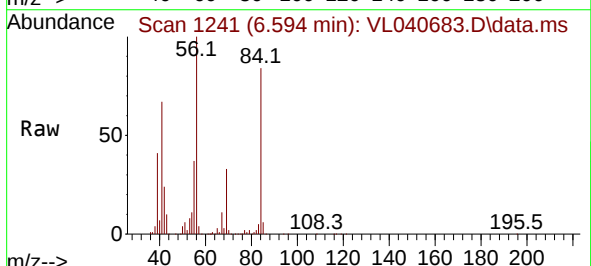
Tgt Ion: 84 Resp: 869961

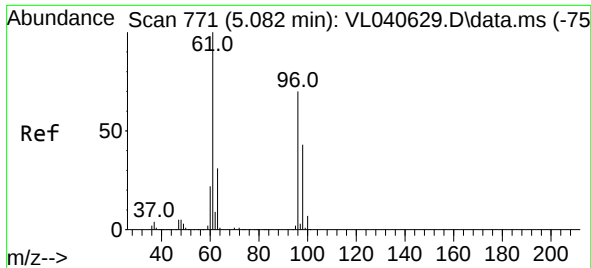
Ion Ratio Lower Upper

84 100

56 129.0 105.4 158.2

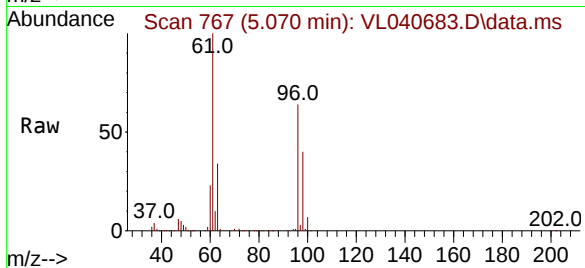
41 81.9 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 8.989 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

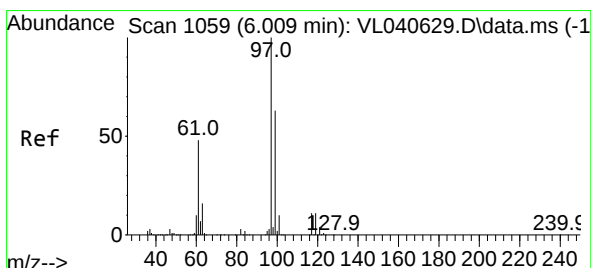
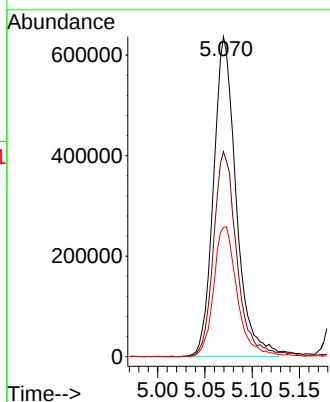
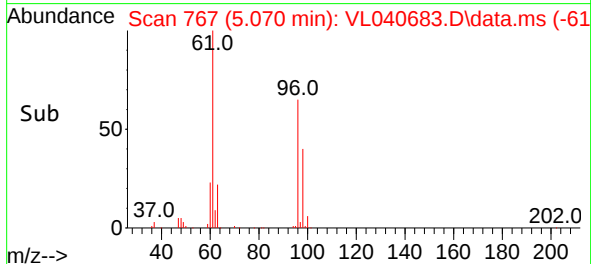
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 61 Resp: 1060279
 Ion Ratio Lower Upper
 61 100
 96 64.0 55.8 83.6
 98 40.4 34.8 52.2

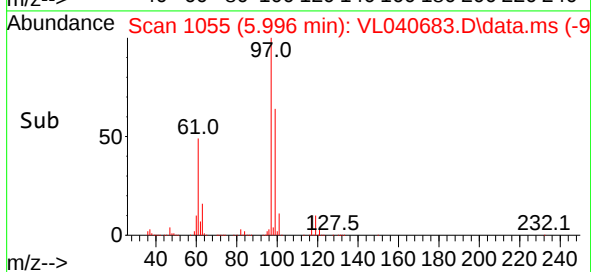
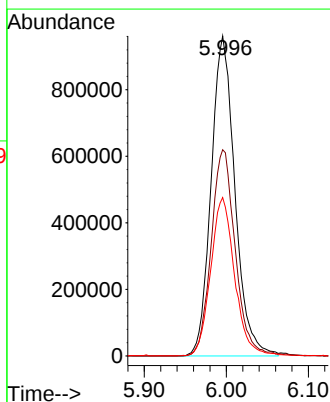
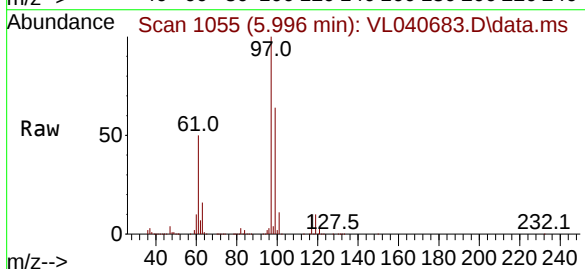
Manual Integrations
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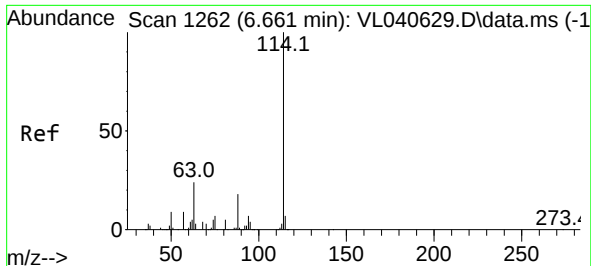
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.798 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.013 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

Tgt Ion: 97 Resp: 1940995
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.2 76.8
 61 50.3 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 299618

Ion Ratio Lower Upper

114 100

63 26.4 20.2 30.2

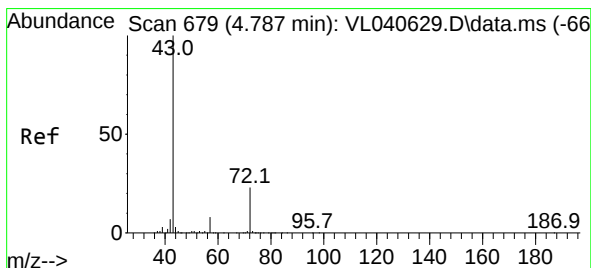
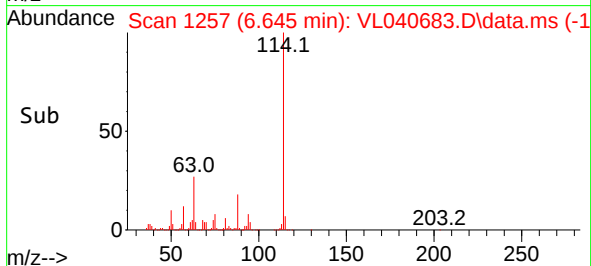
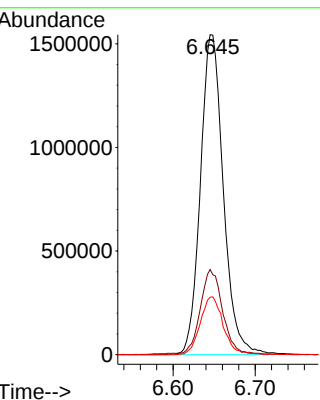
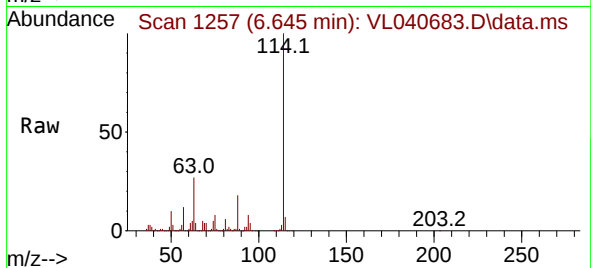
88 18.1 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 9.289 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.010 min

Lab File: VL040683.D

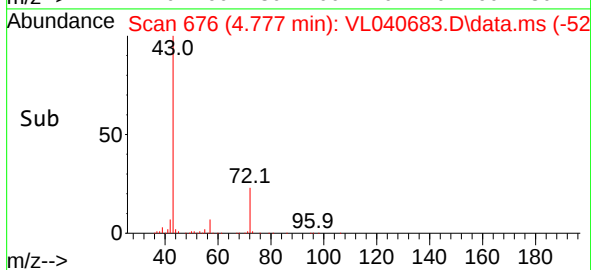
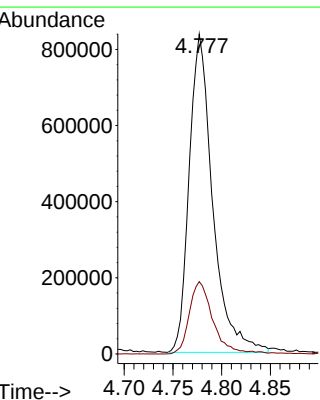
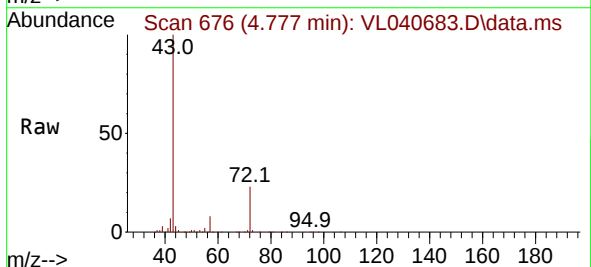
Acq: 14 Sep 2023 13:46

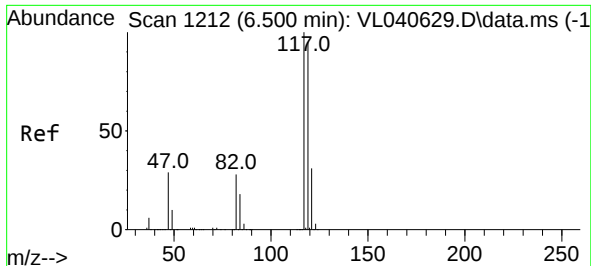
Tgt Ion: 43 Resp: 1403471

Ion Ratio Lower Upper

43 100

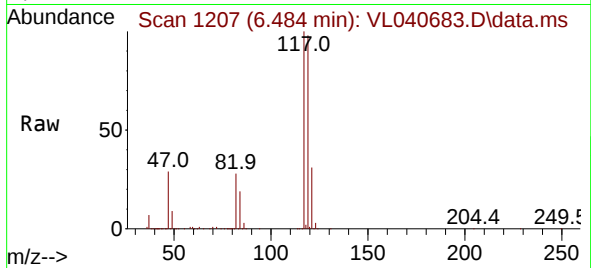
72 23.2 19.2 28.8





#35
Carbon Tetrachloride
Concen: 10.977 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

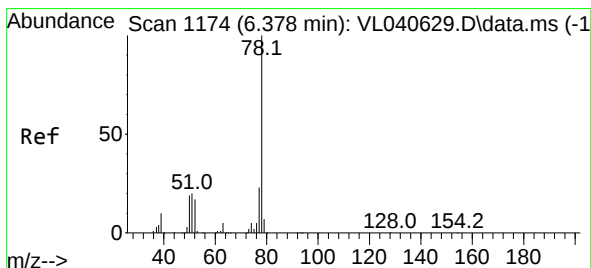
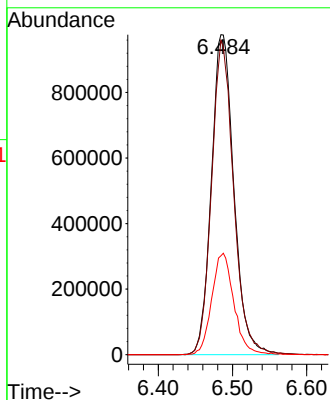
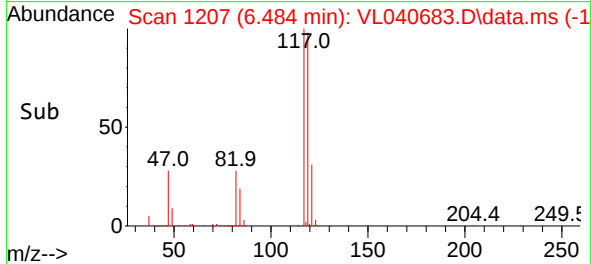
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 205797
Ion Ratio Lower Upper
117 100
119 98.2 75.6 113.4
121 30.9 24.9 37.3

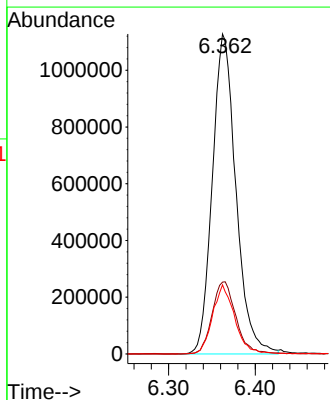
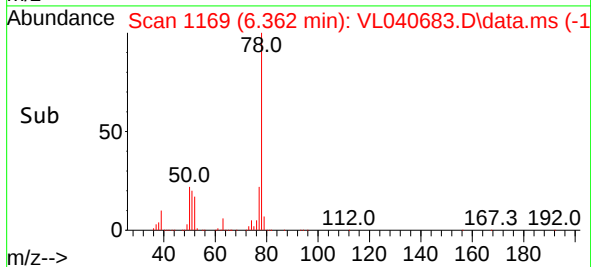
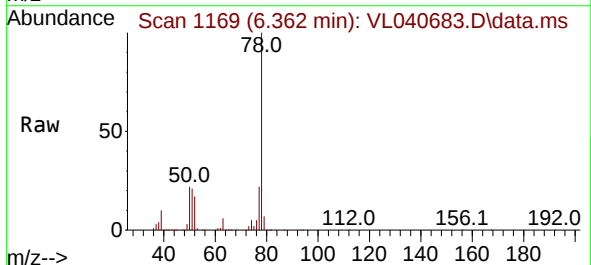
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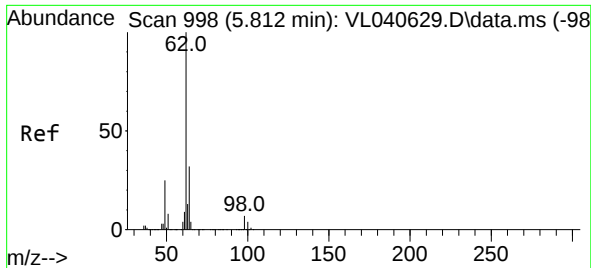
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
Benzene
Concen: 8.944 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 78 Resp: 2131865
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2
50 21.6 15.0 22.6





#37

1,2-Dichloroethane

Concen: 10.152 ppbv

RT: 5.799 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 1459338

Ion Ratio Lower Upper

62 100

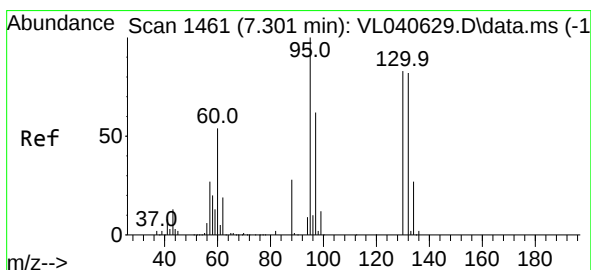
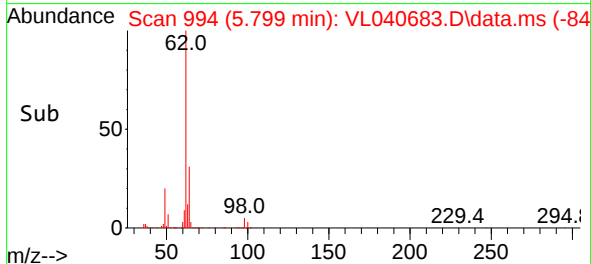
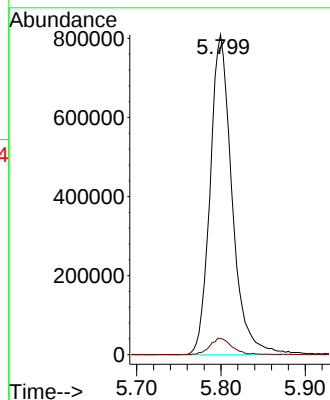
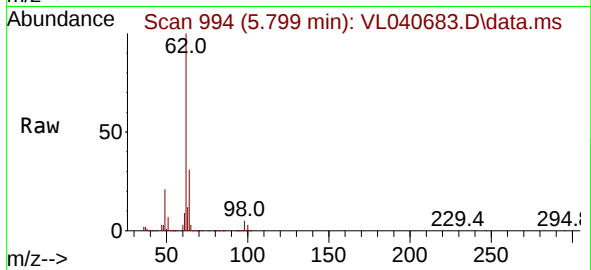
98 5.3 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#38

Trichloroethene

Concen: 9.919 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Tgt Ion:130 Resp: 915444

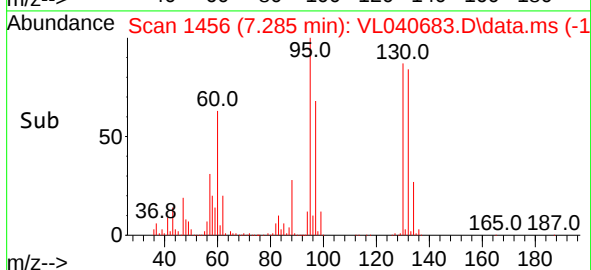
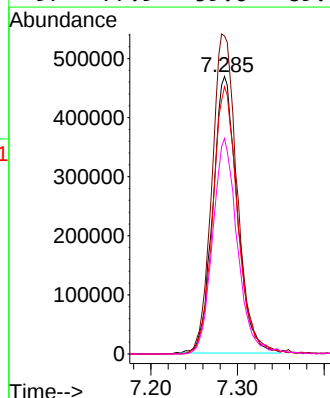
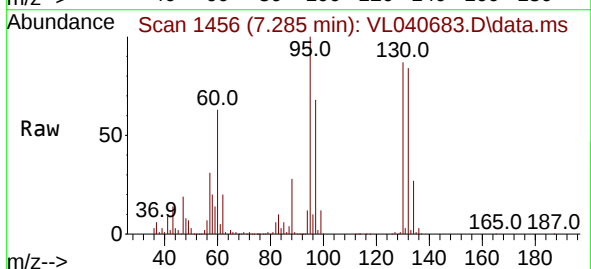
Ion Ratio Lower Upper

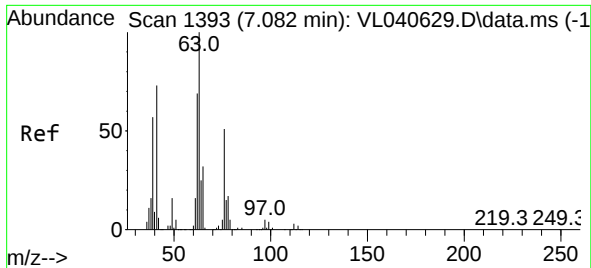
130 100

95 114.9 95.9 143.9

132 96.6 79.0 118.4

97 77.9 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.043 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 820034

Ion Ratio Lower Upper

63 100

41 77.0 58.2 87.2

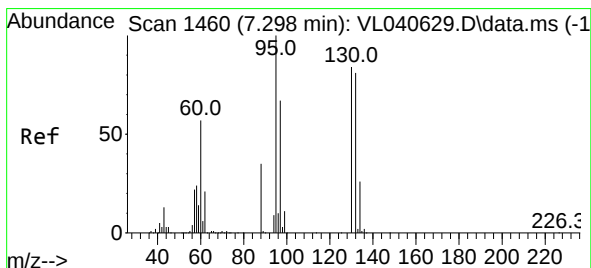
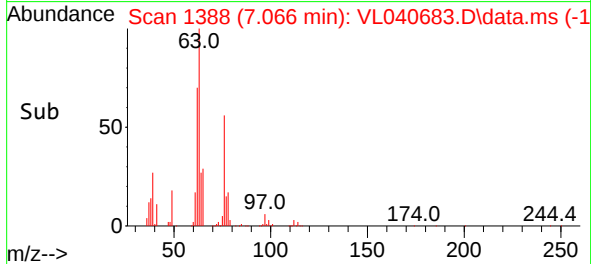
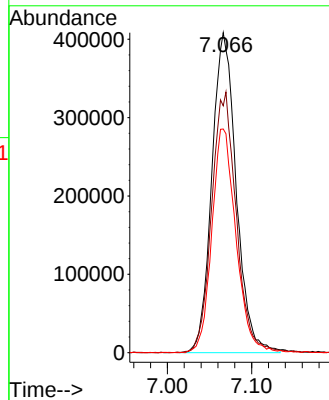
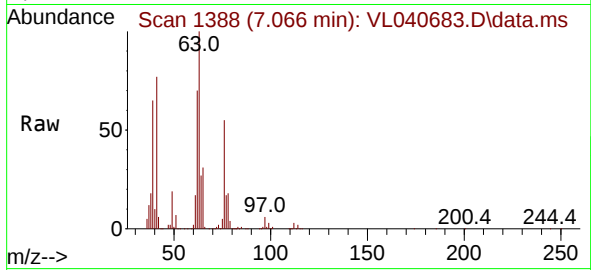
62 69.8 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#40

1,4-Dioxane

Concen: 10.727 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.019 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Tgt Ion: 88 Resp: 368539

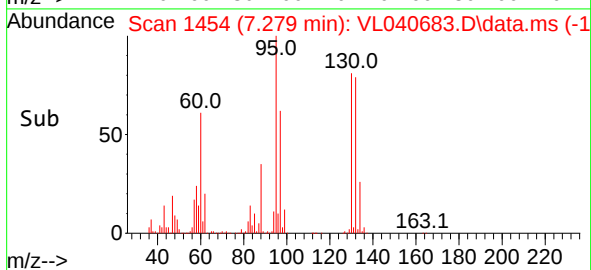
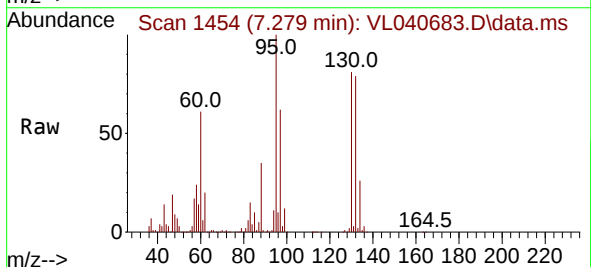
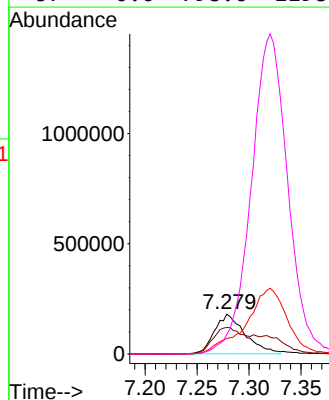
Ion Ratio Lower Upper

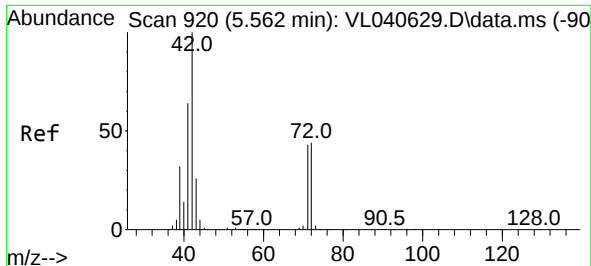
88 100

58 115.9 92.8 139.2

43 0.0 179.1 268.7#

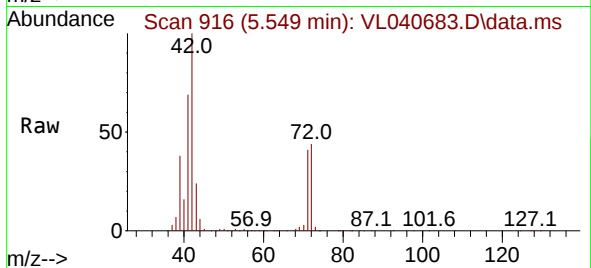
57 0.0 798.6 1198.0#





#41
Tetrahydrofuran
Concen: 8.794 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

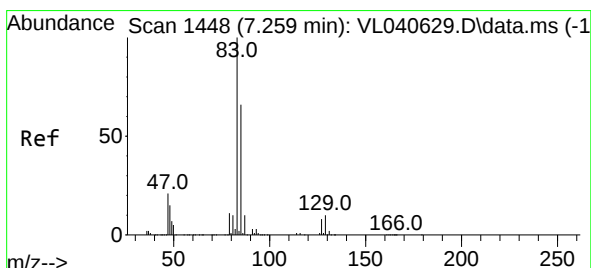
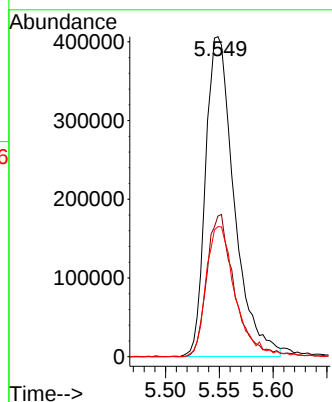
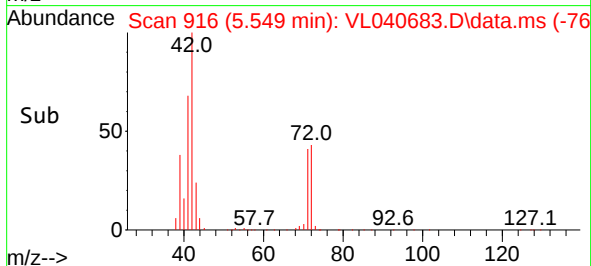
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



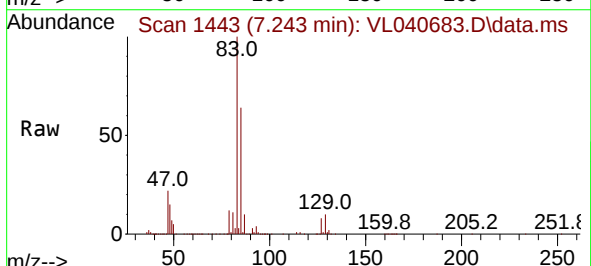
Tgt Ion: 42 Resp: 75102
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.4
71 42.3 33.4 50.0

Manual Integrations
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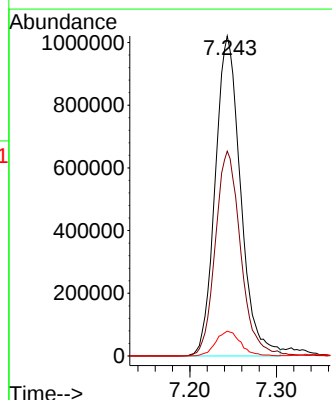
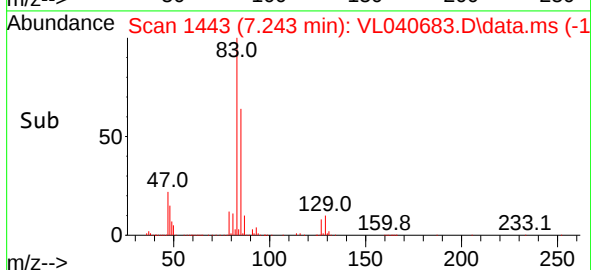
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

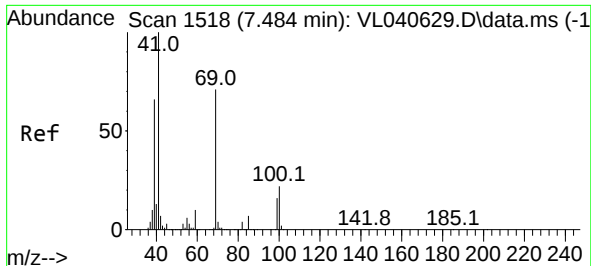


#42
Bromodichloromethane
Concen: 10.363 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



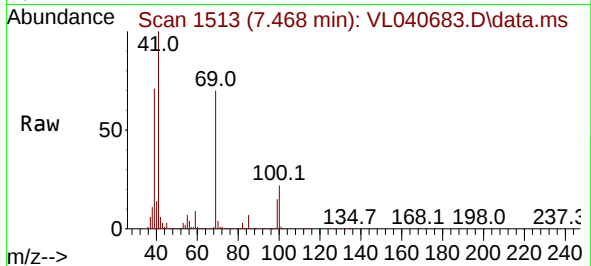
Tgt Ion: 83 Resp: 2073537
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7
127 7.8 6.1 9.1





#43
Methyl Methacrylate
Concen: 9.933 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

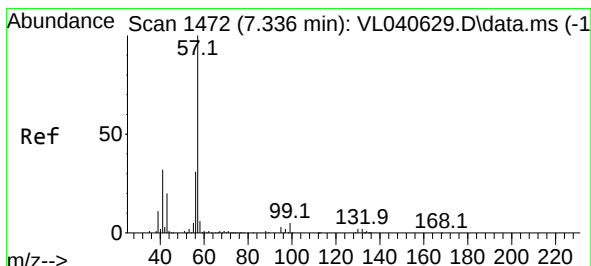
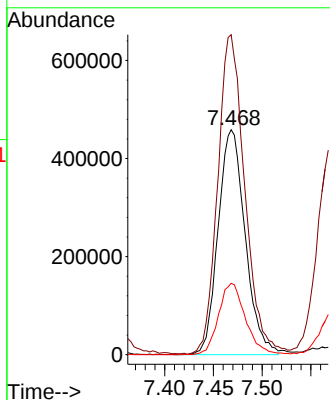
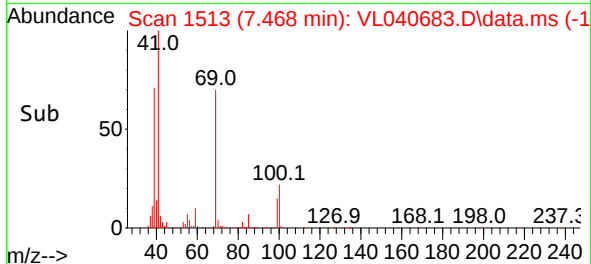
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



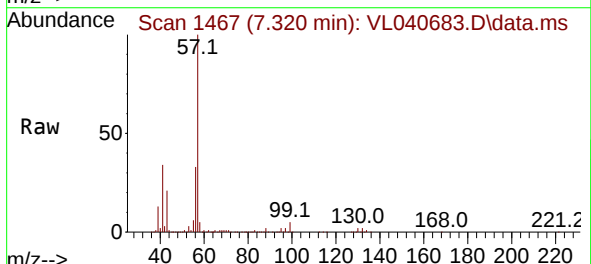
Tgt Ion: 69 Resp: 88649
Ion Ratio Lower Upper
69 100
41 142.3 111.8 167.8
100 31.7 25.8 38.6

Manual Integrations
APPROVED

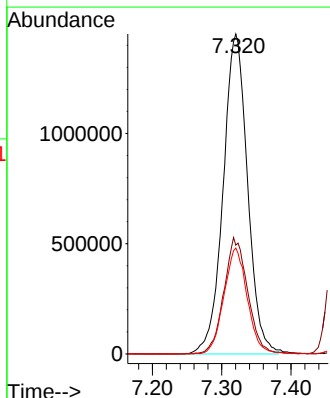
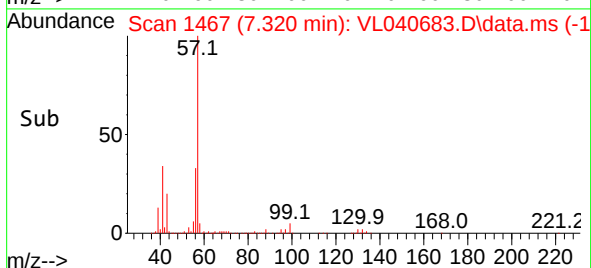
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

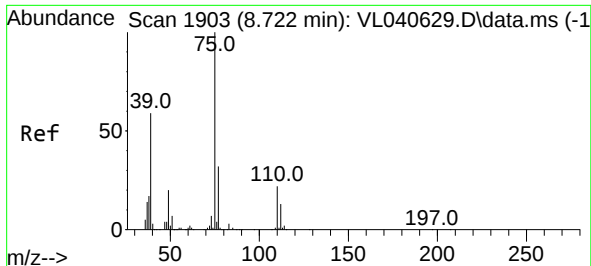


#44
2,2,4-Trimethylpentane
Concen: 9.200 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



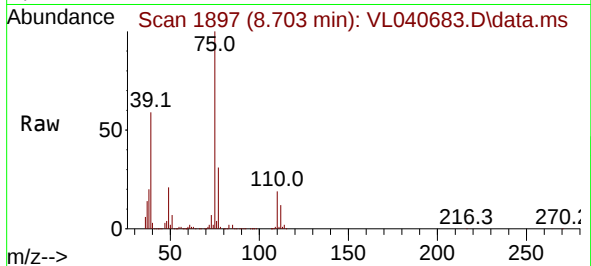
Tgt Ion: 57 Resp: 3544470
Ion Ratio Lower Upper
57 100
41 35.6 26.2 39.4
56 31.8 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 10.771 ppbv
RT: 8.703 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

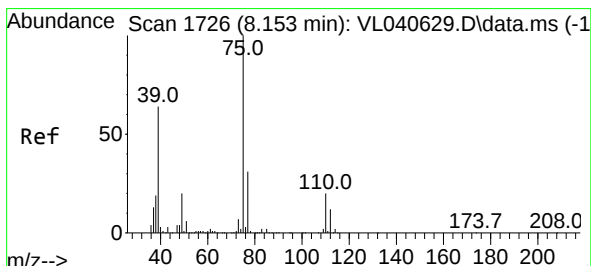
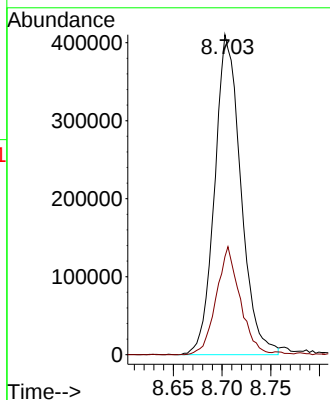
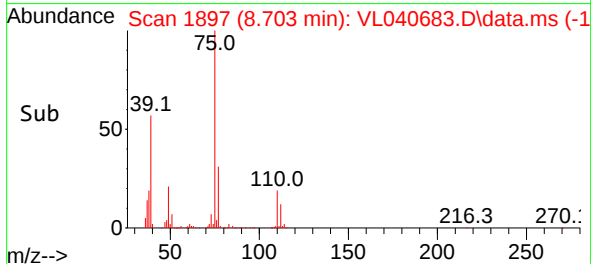
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 75 Resp: 767690
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

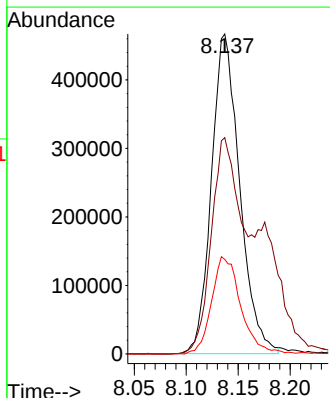
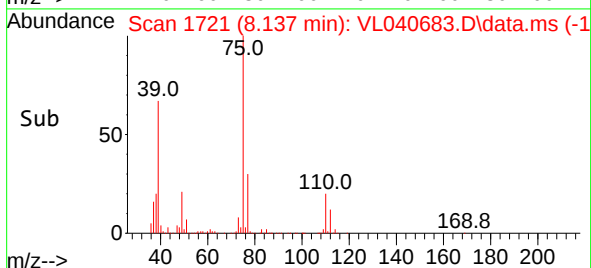
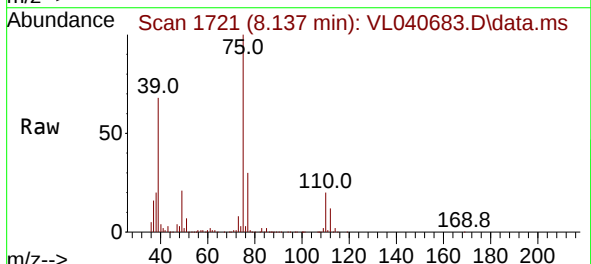
Manual Integrations
APPROVED

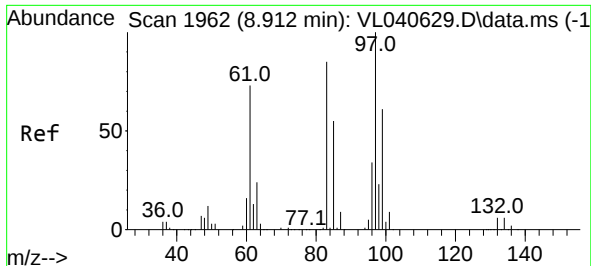
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#46
cis-1,3-Dichloropropene
Concen: 10.147 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion: 75 Resp: 882266
Ion Ratio Lower Upper
75 100
39 67.5 51.0 76.4
77 29.5 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.325 ppbv

RT: 8.896 min Scan# 1962

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 95519

Ion Ratio Lower Upper

97 100

83 88.5 67.8 101.8

85 57.1 44.0 66.0

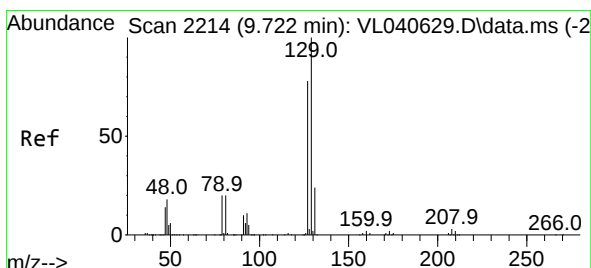
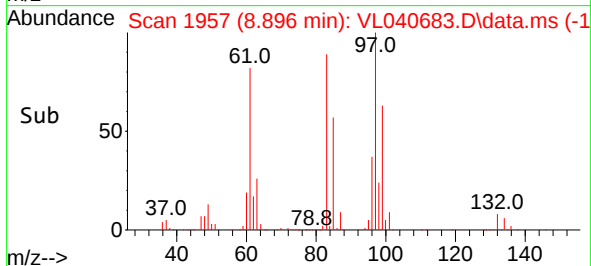
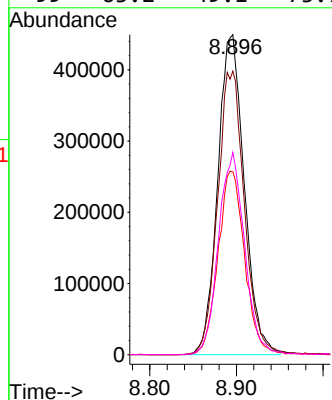
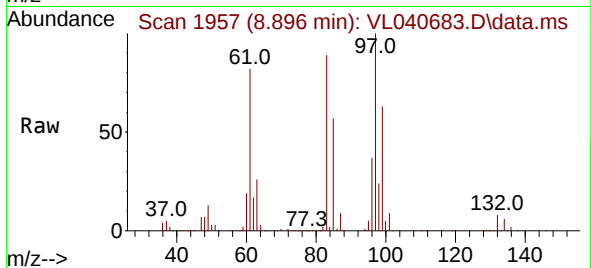
99 63.2 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#48

Dibromochloromethane

Concen: 10.713 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.019 min

Lab File: VL040683.D

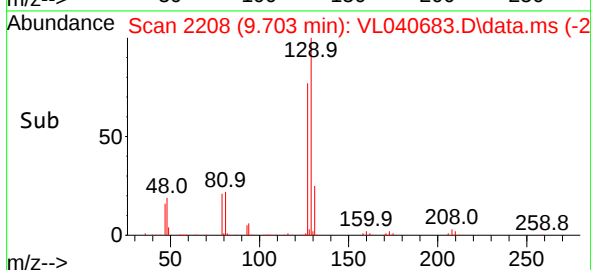
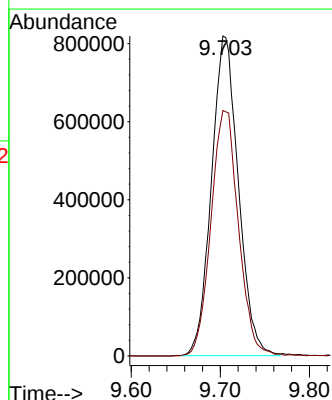
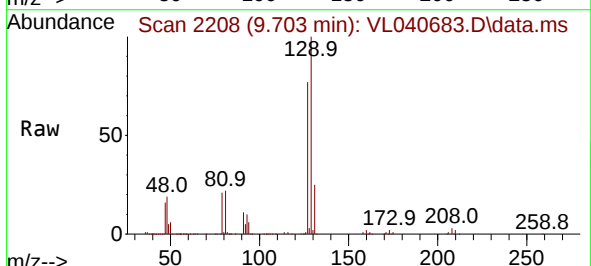
Acq: 14 Sep 2023 13:46

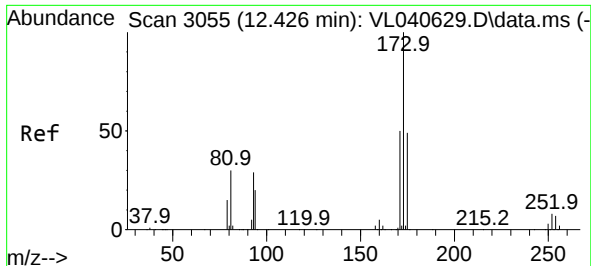
Tgt Ion:129 Resp: 1717461

Ion Ratio Lower Upper

129 100

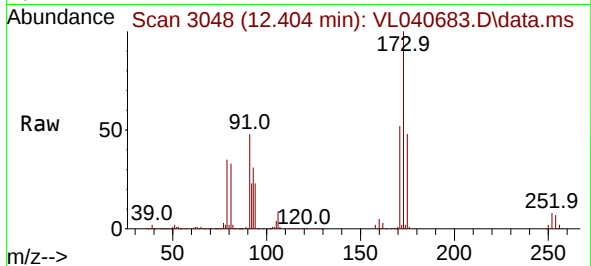
127 78.8 38.9 116.7





#49
Bromoform
Concen: 11.543 ppbv
RT: 12.404 min Scan# 3055
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

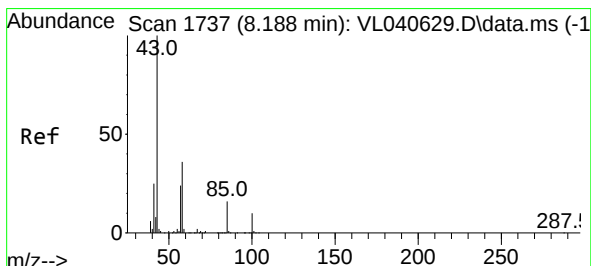
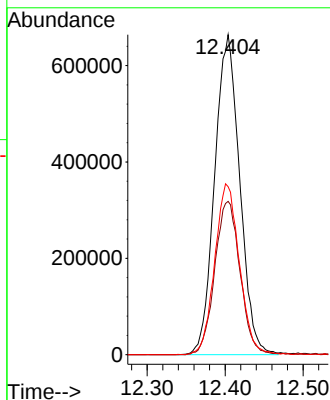
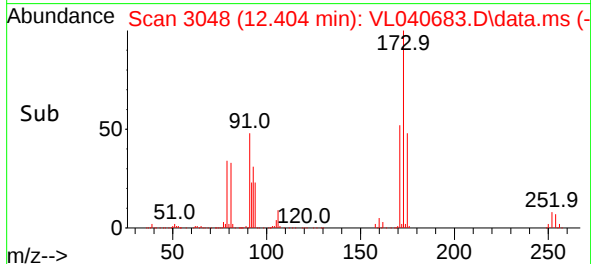
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 173 Resp: 1482679
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
171 52.7 41.9 62.9

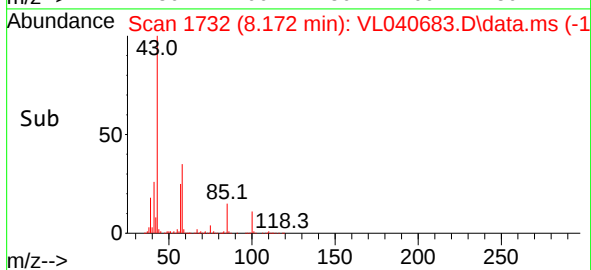
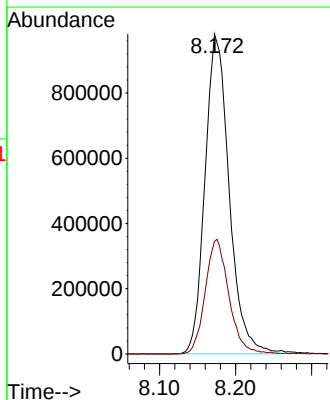
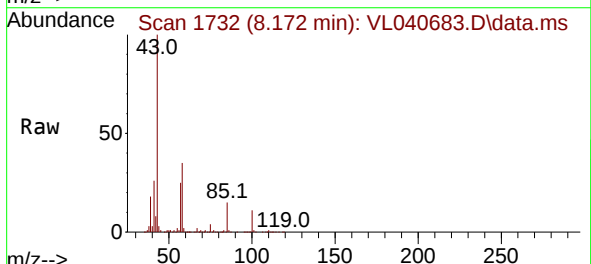
Manual Integrations
APPROVED

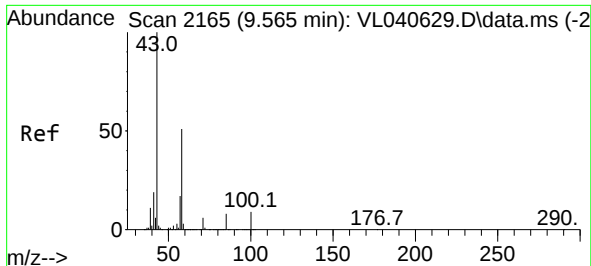
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#50
4-Methyl-2-Pentanone
Concen: 9.793 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

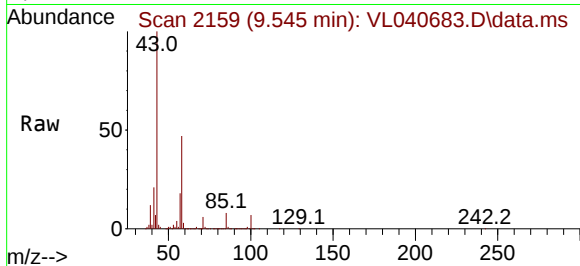
Tgt Ion: 43 Resp: 2161594
Ion Ratio Lower Upper
43 100
58 35.3 29.2 43.8





#51
2-Hexanone
Concen: 10.089 ppbv
RT: 9.545 min Scan# 2165
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

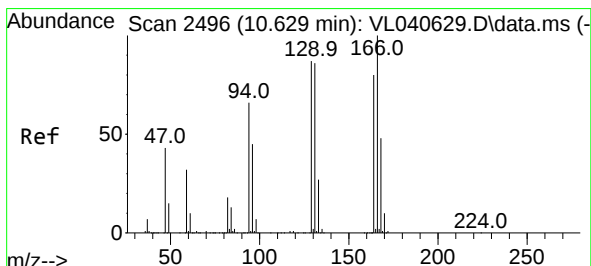
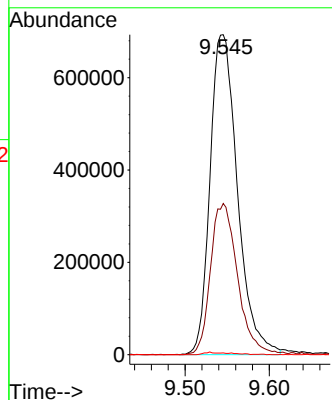
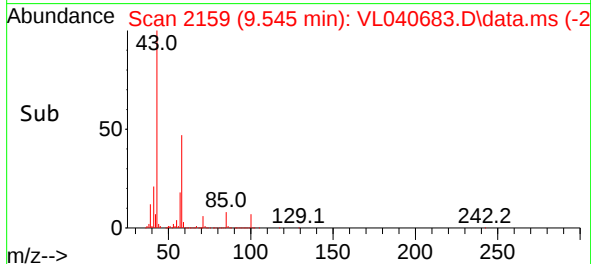
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 156912
Ion Ratio Lower Upper
43 100
58 47.0 39.4 59.2
98 0.8 0.4 0.6

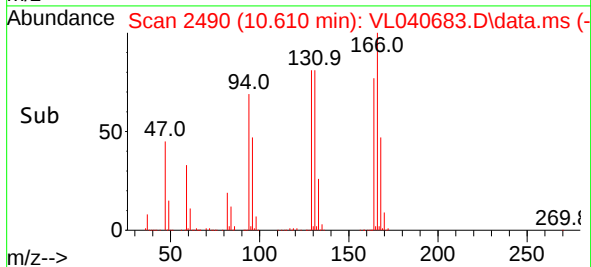
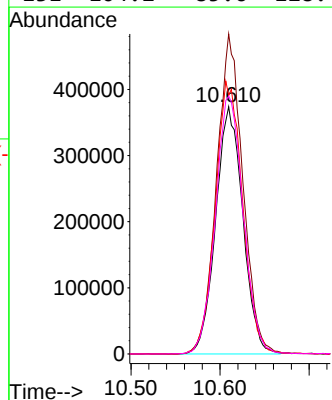
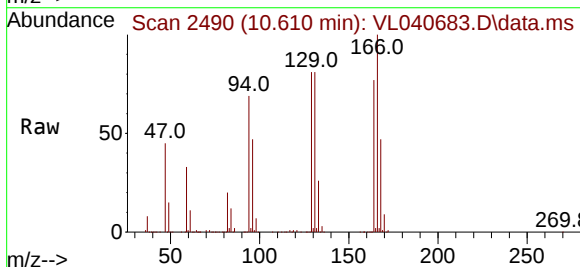
Manual Integrations
APPROVED

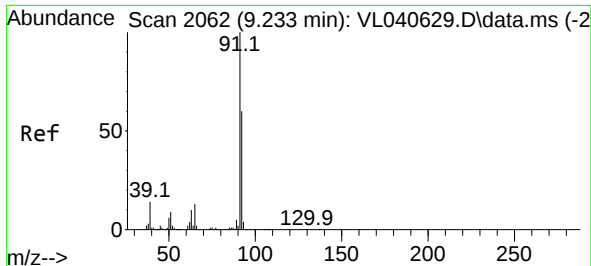
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 10.585 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion:164 Resp: 790140
Ion Ratio Lower Upper
164 100
166 129.3 99.5 149.3
129 104.4 86.9 130.3
131 104.2 85.6 128.4





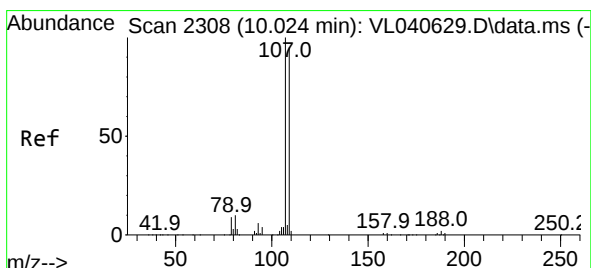
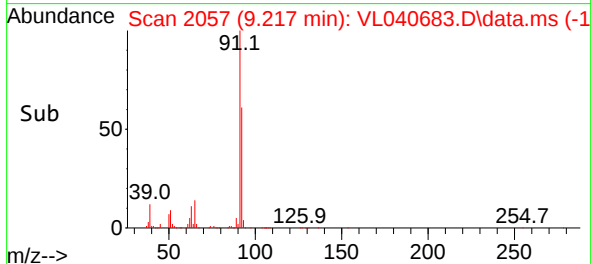
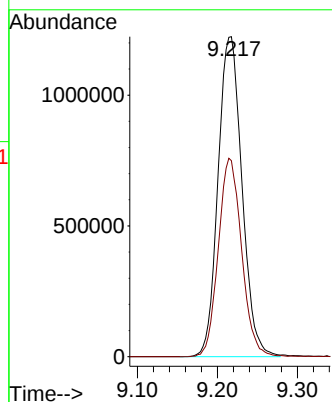
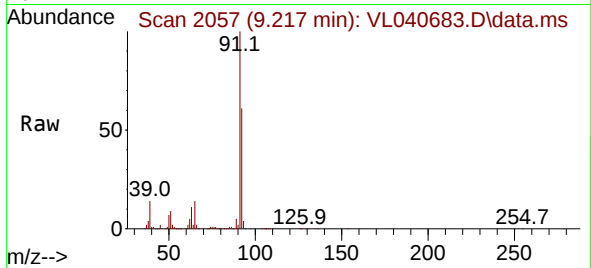
#53
Toluene
Concen: 10.023 ppbv
RT: 9.217 min Scan# 2062
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2538829
Ion Ratio Lower Upper
91 100
92 60.6 48.0 72.0

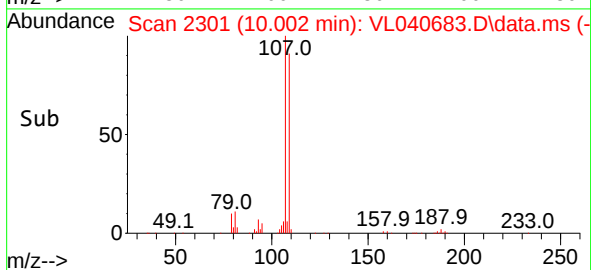
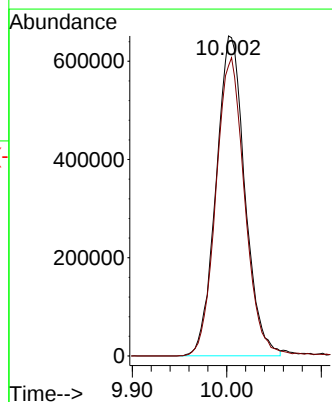
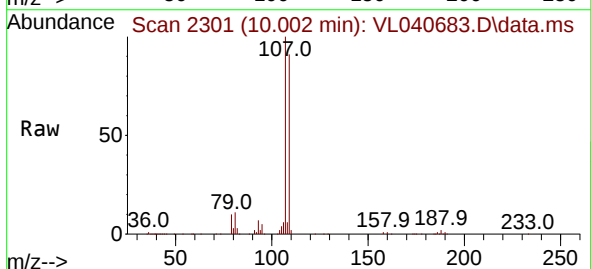
Manual Integrations
APPROVED

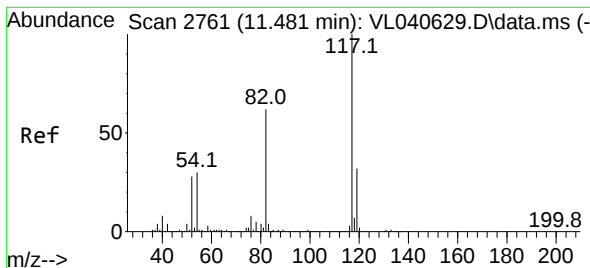
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#54
1,2-Dibromoethane
Concen: 10.557 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

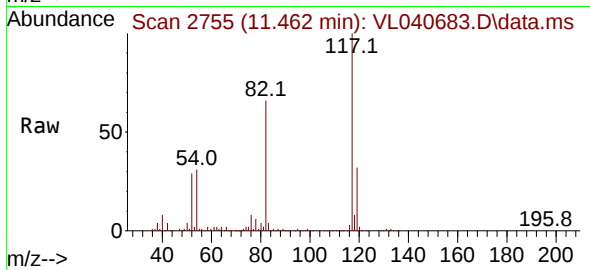
Tgt Ion:107 Resp: 1376935
Ion Ratio Lower Upper
107 100
109 90.5 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2761
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

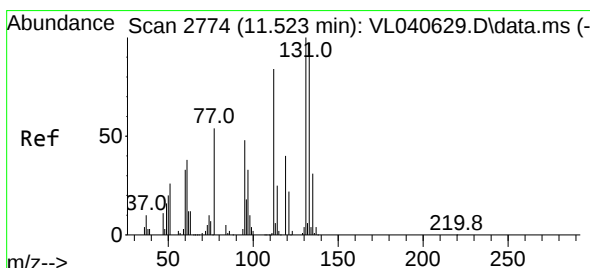
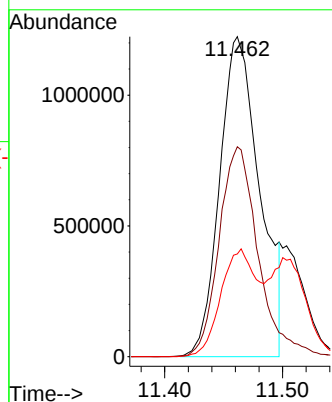
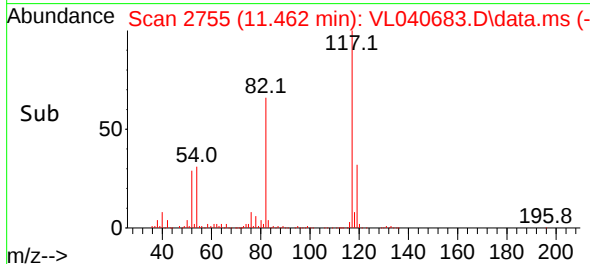
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



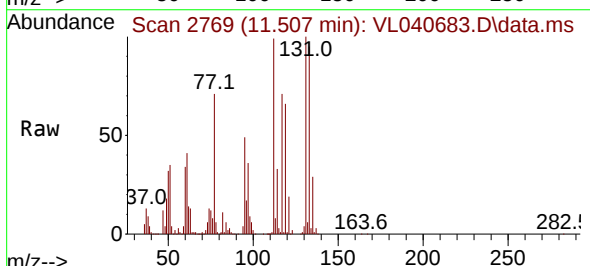
Tgt Ion:117 Resp: 2890100
Ion Ratio Lower Upper
117 100
82 64.2 49.5 74.3
119 30.9 24.5 36.7

Manual Integrations
APPROVED

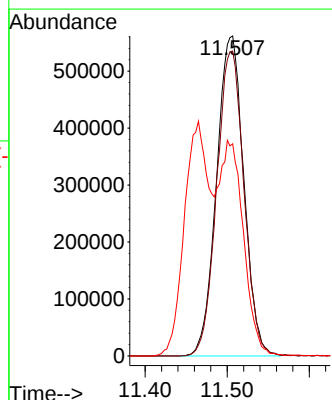
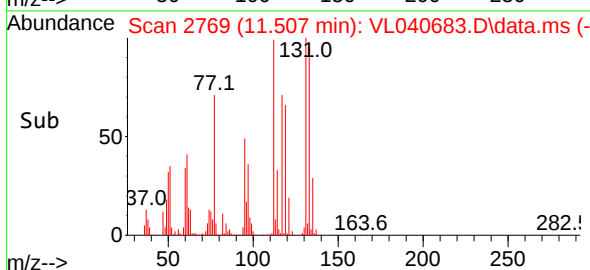
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

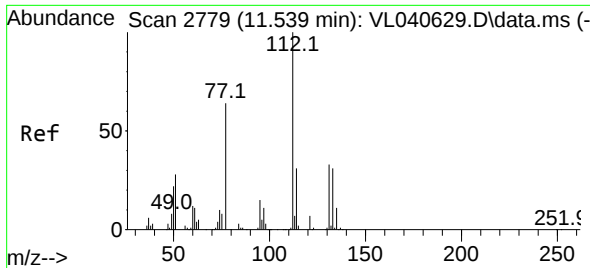


#56
1,1,1,2-Tetrachloroethane
Concen: 9.711 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



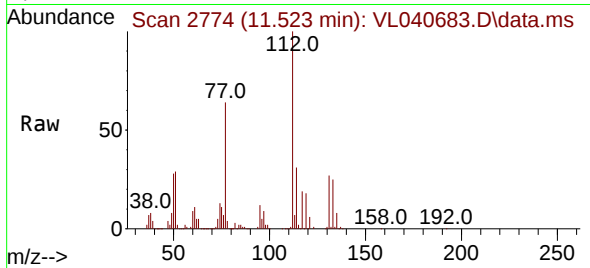
Tgt Ion:131 Resp: 1298581
Ion Ratio Lower Upper
131 100
133 95.2 75.4 113.0
119 56.9 51.0 76.6





#57
Chlorobenzene
Concen: 9.271 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

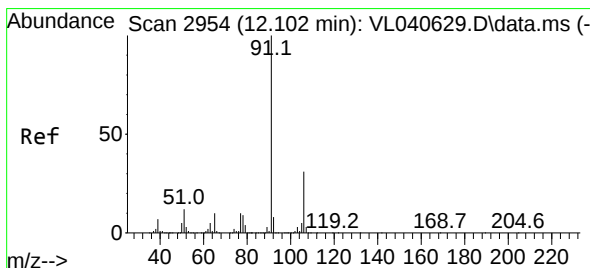
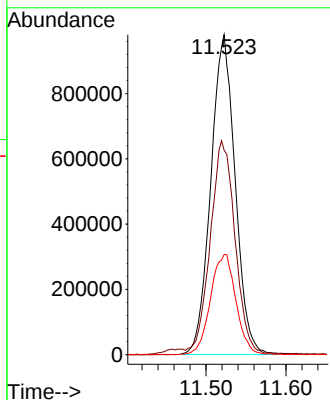
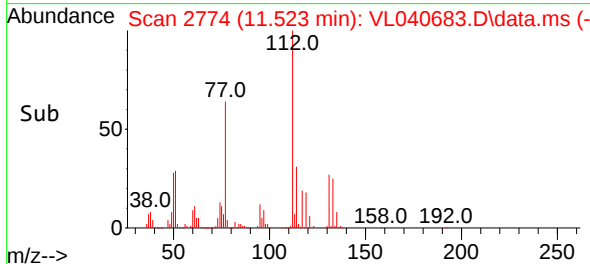
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 2067828
Ion Ratio Lower Upper
112 100
77 63.5 52.5 78.7
114 31.3 27.8 34.0

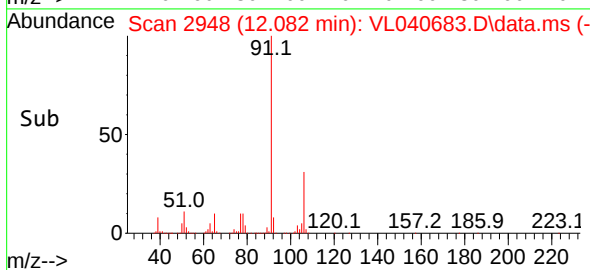
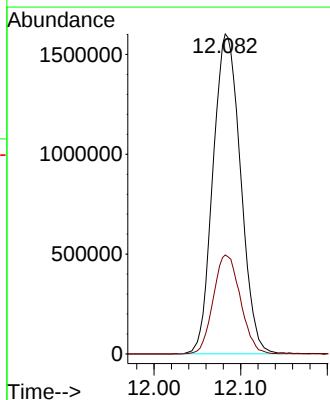
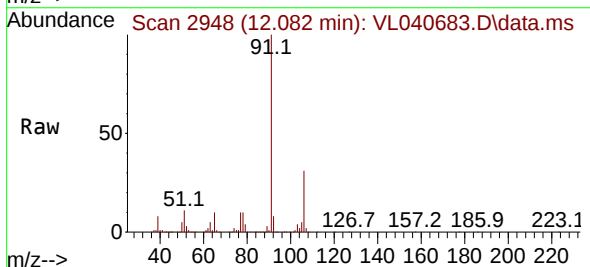
Manual Integrations
APPROVED

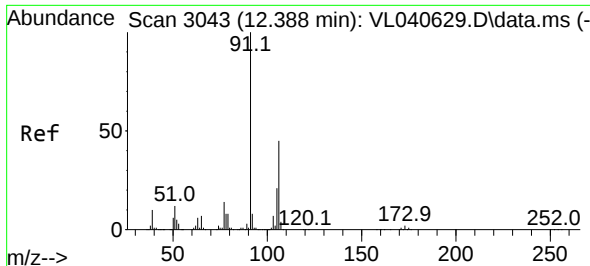
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#58
Ethyl Benzene
Concen: 10.148 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

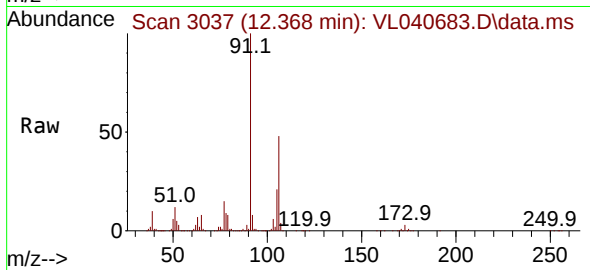
Tgt Ion: 91 Resp: 3536716
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8





#59
m/p-Xylene
Concen: 20.003 ppbv m
RT: 12.368 min Scan# 3043
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

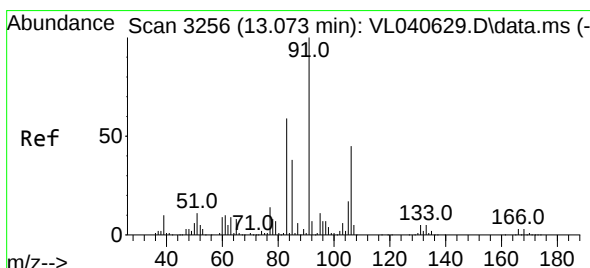
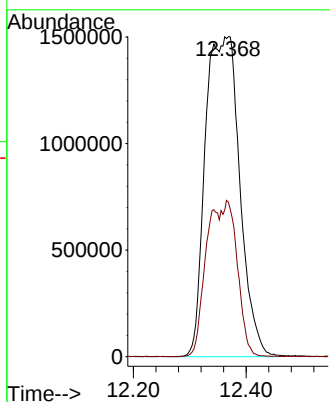
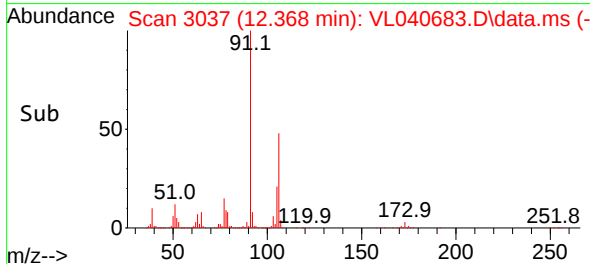
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 635906
Ion Ratio Lower Upper
91 100
106 43.5 35.3 52.9

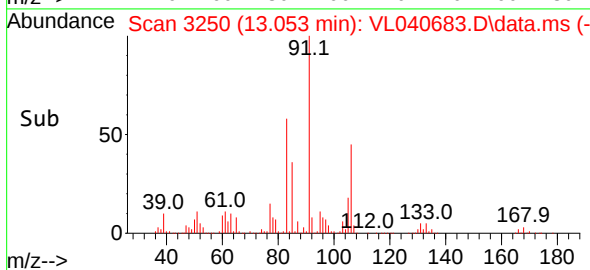
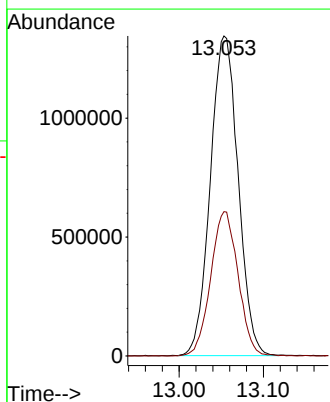
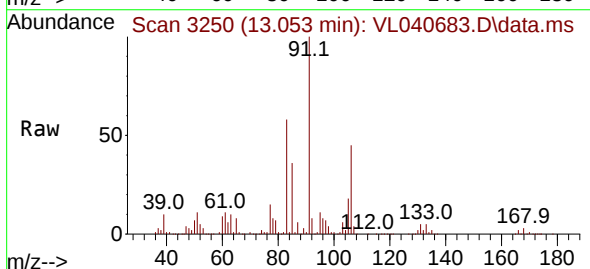
Manual Integrations
APPROVED

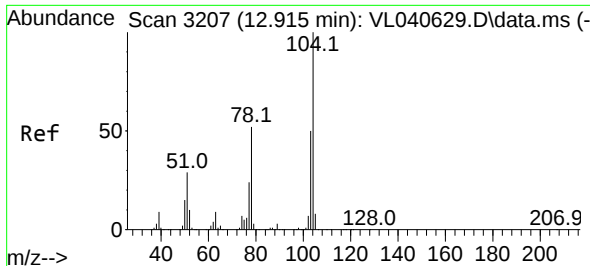
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 10.212 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

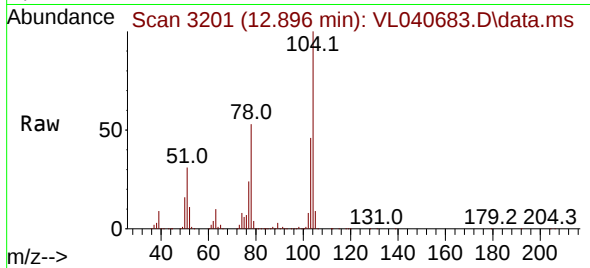
Tgt Ion: 91 Resp: 3077163
Ion Ratio Lower Upper
91 100
106 44.6 22.5 67.5





#61
Styrene
Concen: 11.142 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

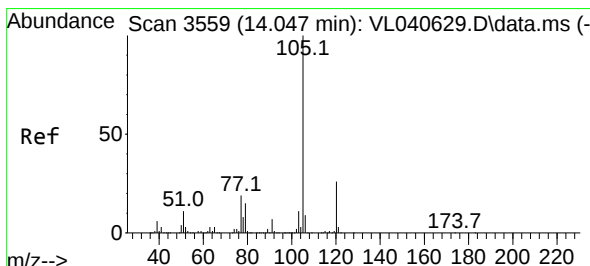
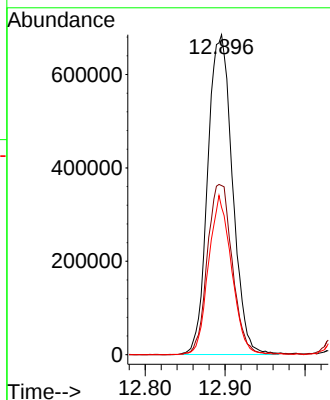
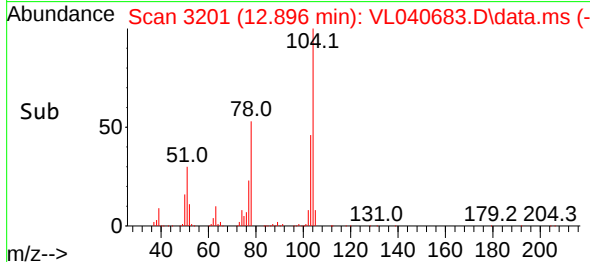
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:104 Resp: 1471009
Ion Ratio Lower Upper
104 100
78 54.2 41.0 61.4
103 46.5 37.3 55.9

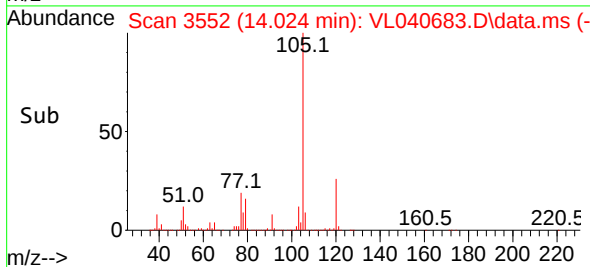
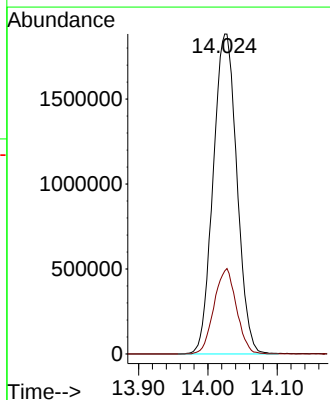
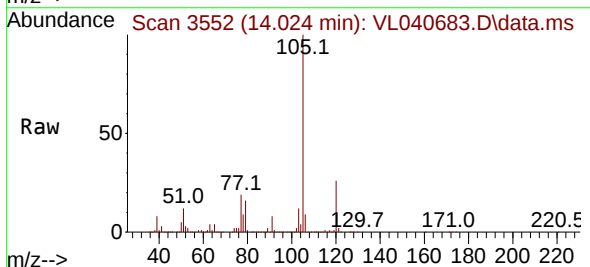
Manual Integrations
APPROVED

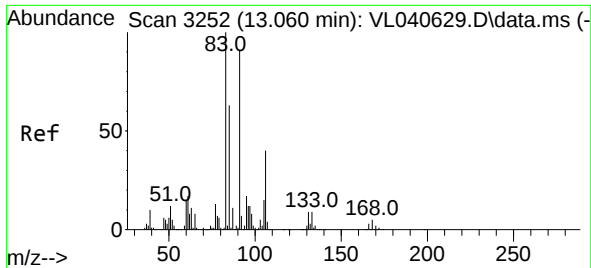
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#62
Isopropylbenzene
Concen: 9.817 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion:105 Resp: 4476584
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5





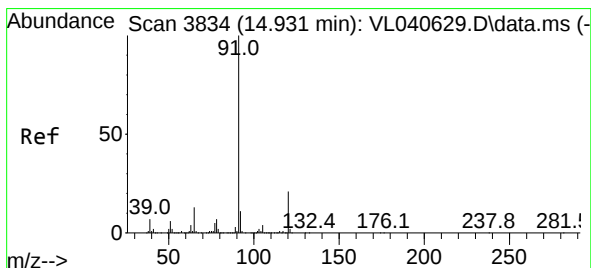
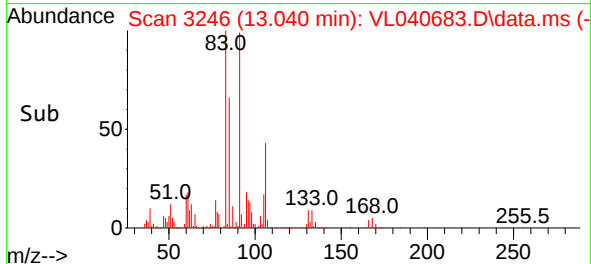
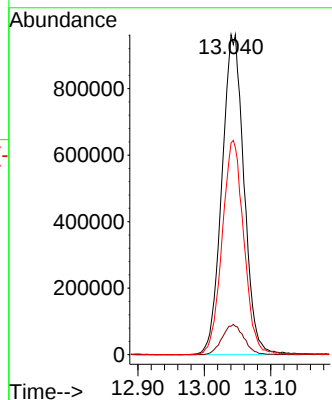
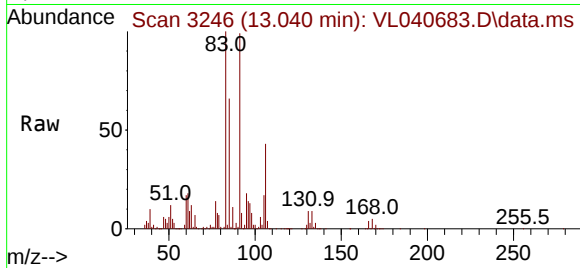
#63
1,1,2,2-Tetrachloroethane
Concen: 9.843 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 222120
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 66.2 32.4 97.2

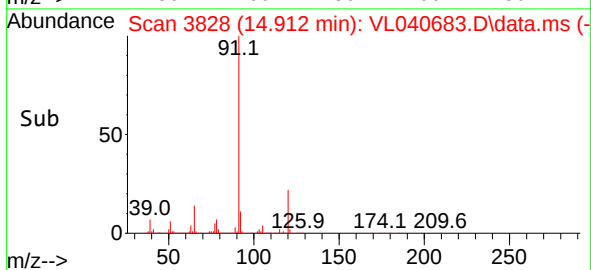
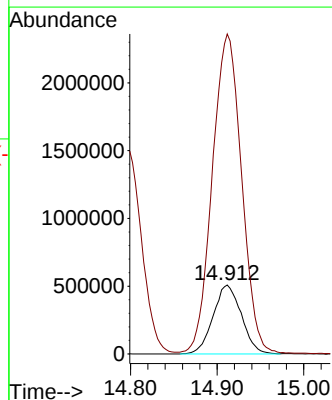
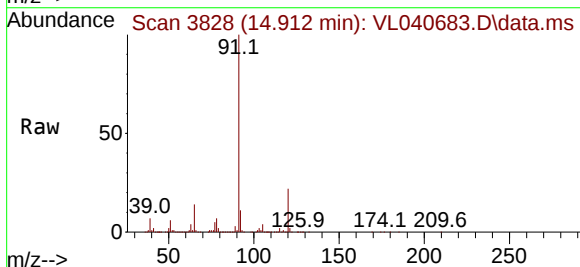
Manual Integrations
APPROVED

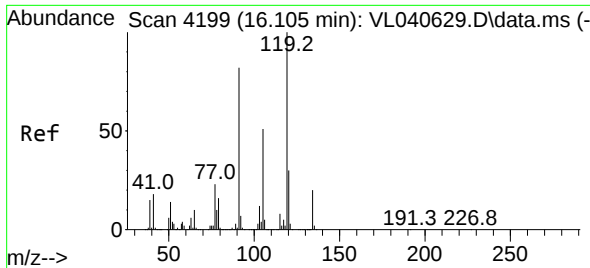
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
n-propylbenzene
Concen: 9.996 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion:120 Resp: 1152034
Ion Ratio Lower Upper
120 100
91 483.6 387.8 581.8





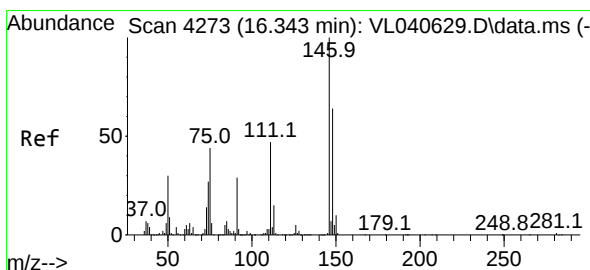
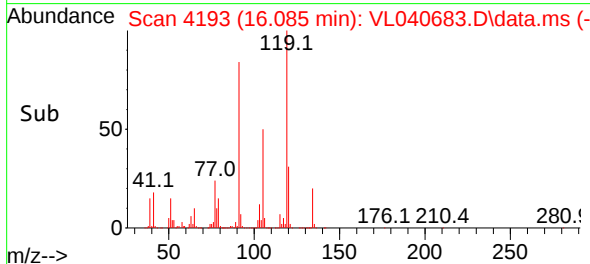
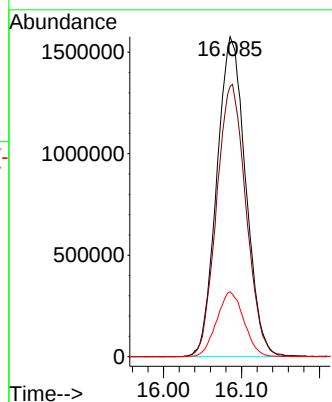
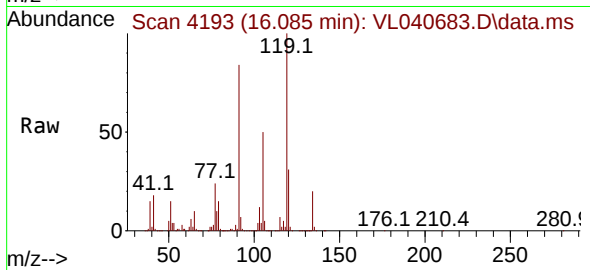
#65
tert-Butylbenzene
Concen: 10.223 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4040580
Ion Ratio Lower Upper
119 100
91 87.3 67.8 101.6
134 19.3 15.7 23.5

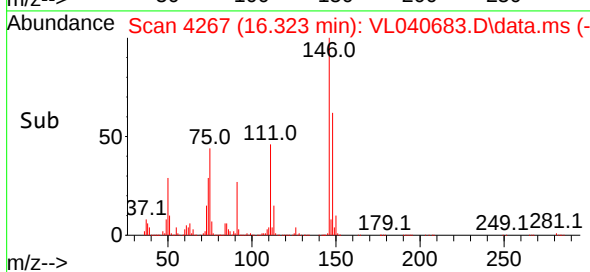
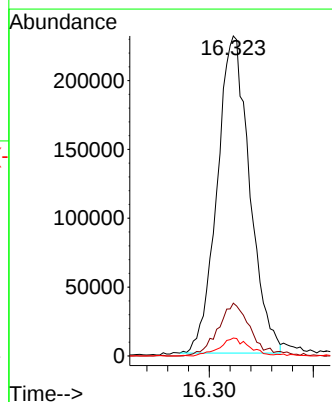
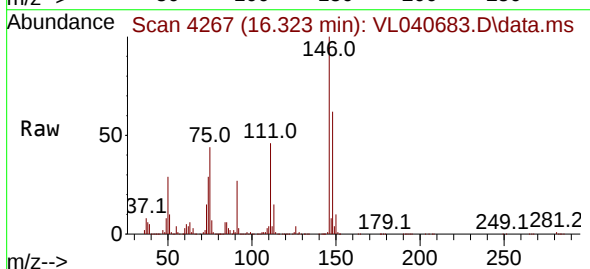
Manual Integrations
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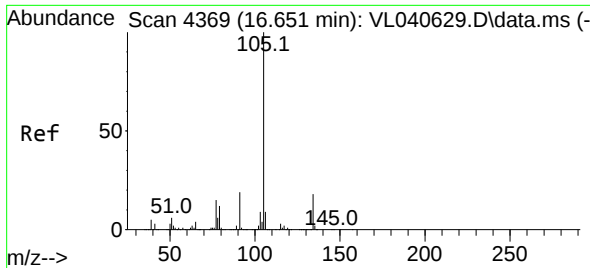
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 10.065 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

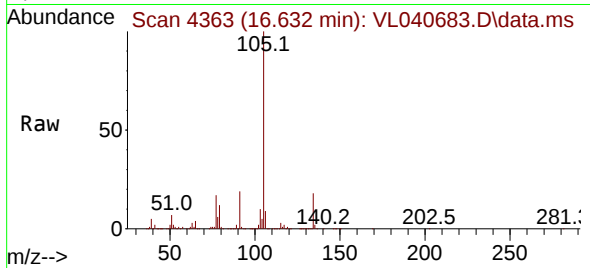
Tgt Ion: 91 Resp: 500252
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.5 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.894 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

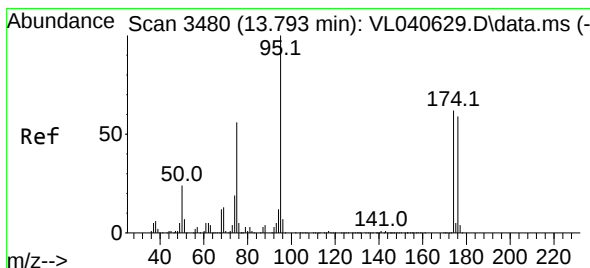
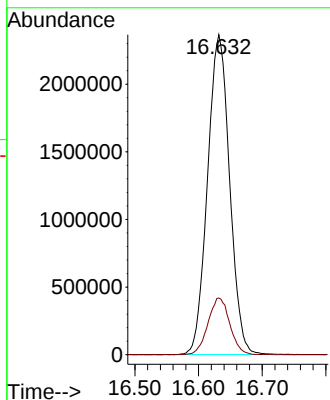
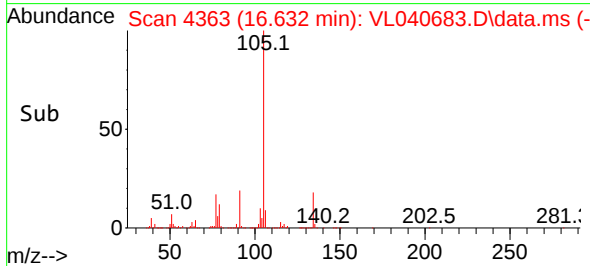
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 5704979
 Ion Ratio Lower Upper
 105 100
 134 17.6 13.8 20.8

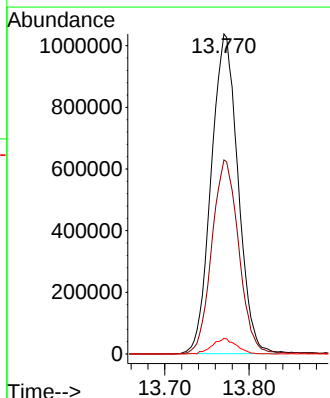
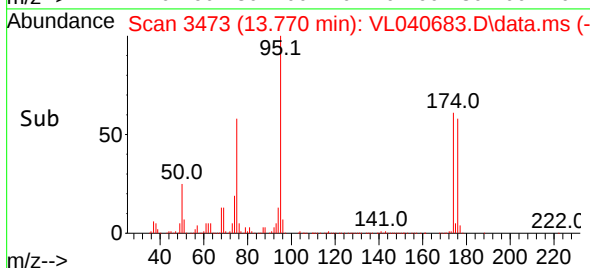
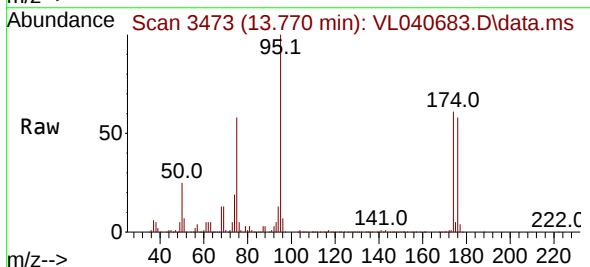
Manual Integrations
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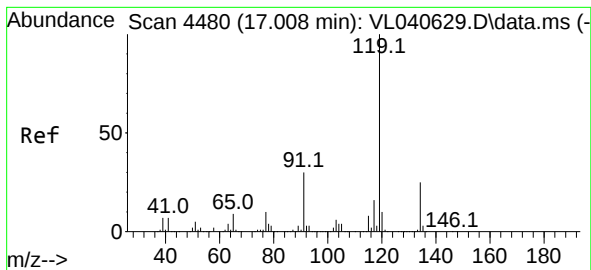
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.958 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.023 min
 Lab File: VL040683.D
 Acq: 14 Sep 2023 13:46

Tgt Ion: 95 Resp: 2288772
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.1 73.7
 175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.257 ppbv

RT: 16.992 min Scan# 4480

Delta R.T. -0.016 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 462790

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.4

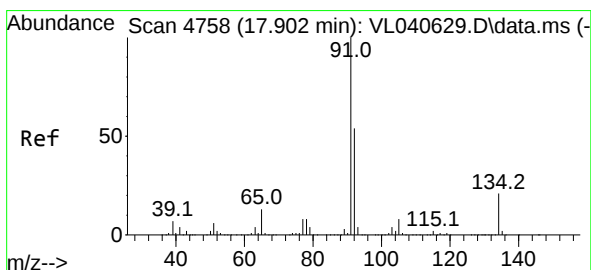
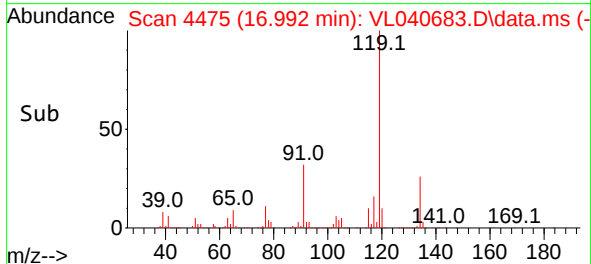
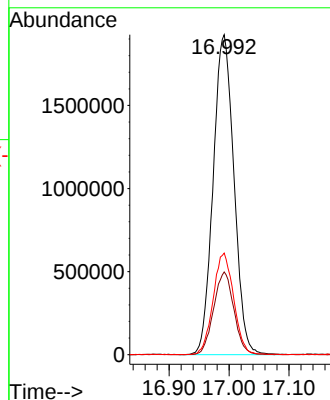
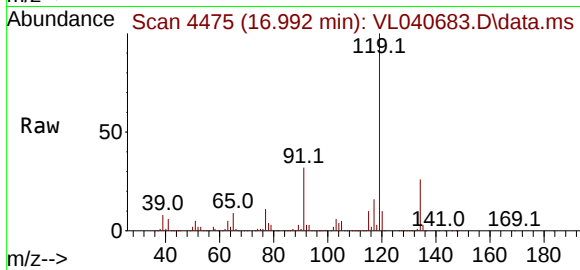
91 31.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#70

n-Butylbenzene

Concen: 10.202 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. -0.019 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

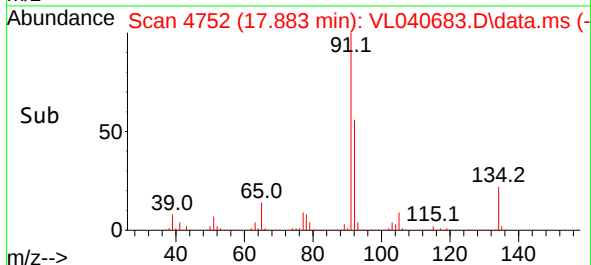
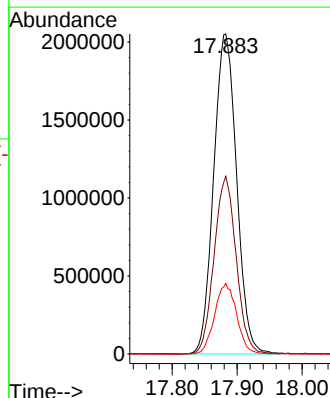
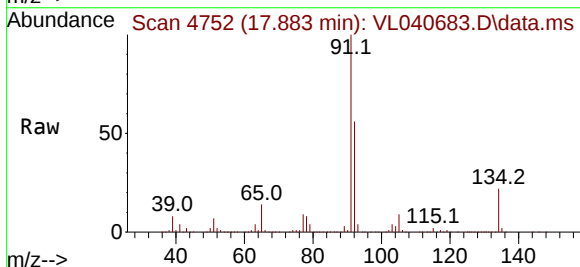
Tgt Ion: 91 Resp: 5025551

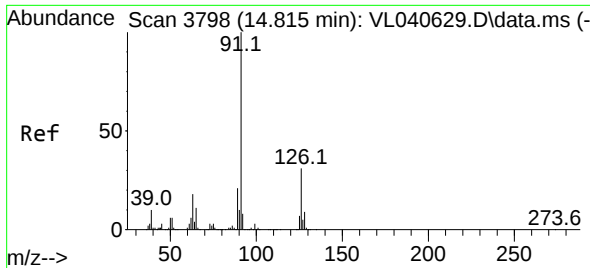
Ion Ratio Lower Upper

91 100

92 53.4 42.9 64.3

134 21.2 17.0 25.6





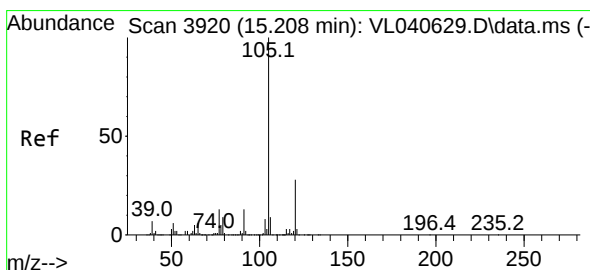
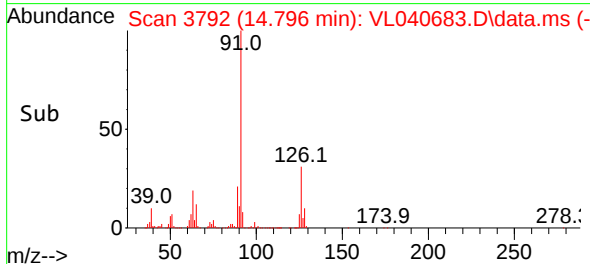
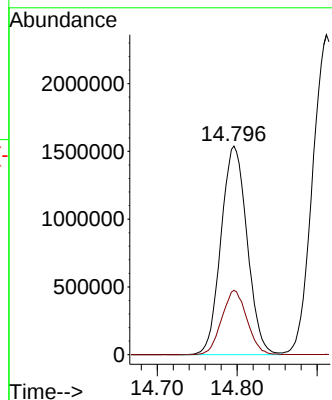
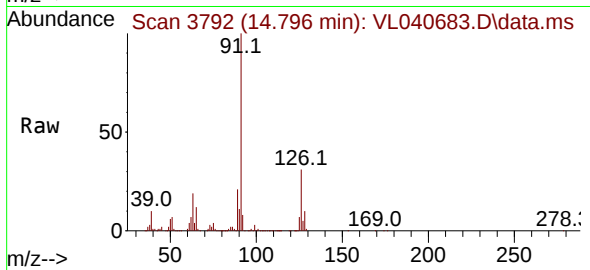
#71
2-Chlorotoluene
Concen: 10.326 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 349387
Ion Ratio Lower Upper
91 100
126 29.9 12.2 49.0

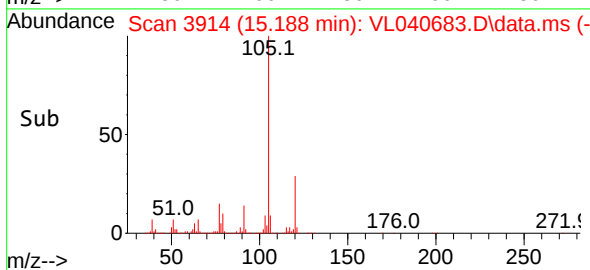
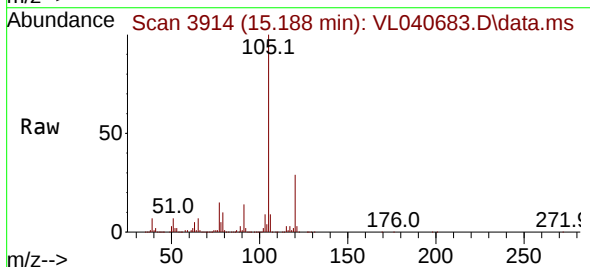
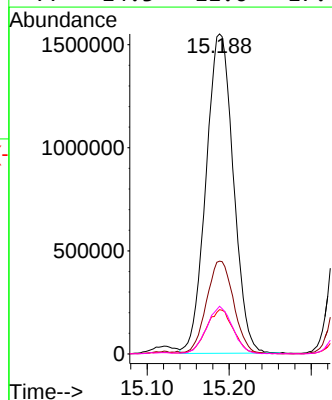
Manual Integrations
APPROVED

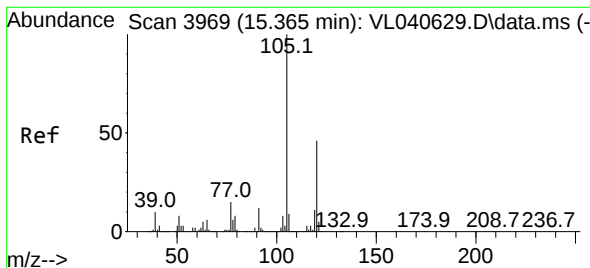
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#72
4-Ethyltoluene
Concen: 10.553 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Tgt Ion:105 Resp: 3589579
Ion Ratio Lower Upper
105 100
120 29.9 23.0 34.6
91 13.7 10.9 16.3
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.294 ppbv

RT: 15.346 min Scan# 3969

Delta R.T. -0.019 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 313002

Ion Ratio Lower Upper

105 100

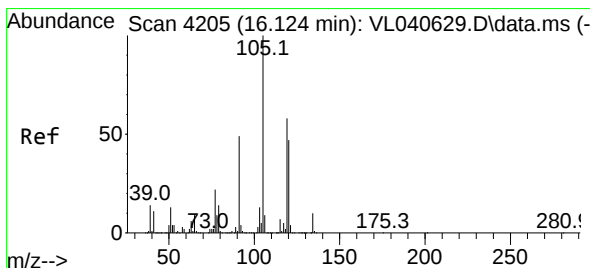
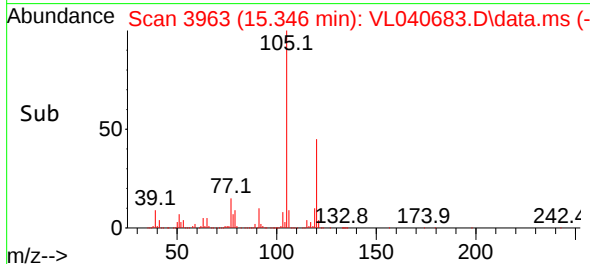
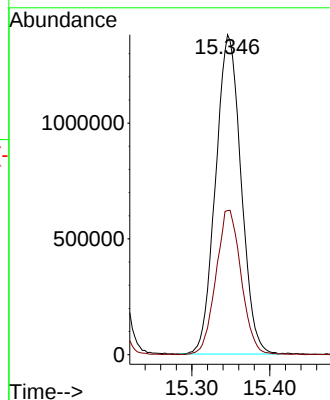
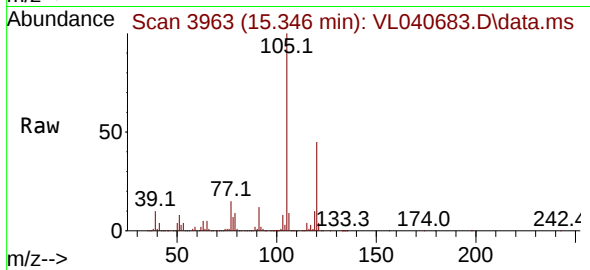
120 45.1 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.054 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.023 min

Lab File: VL040683.D

Acq: 14 Sep 2023 13:46

Tgt Ion:105 Resp: 3570409

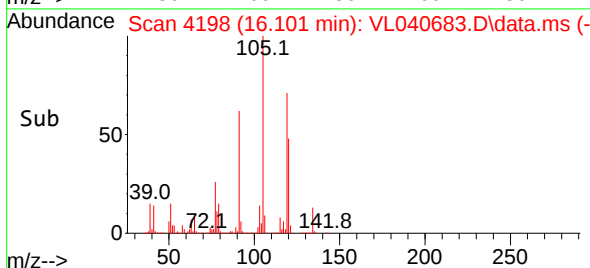
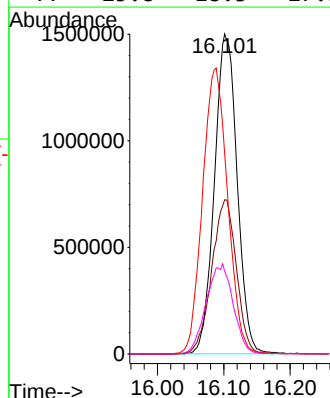
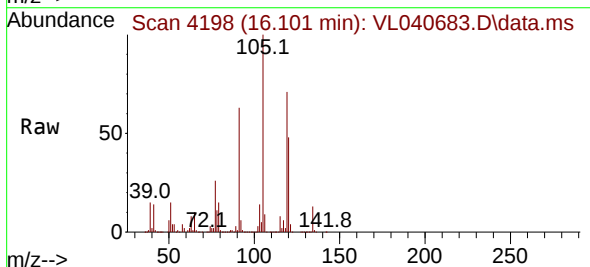
Ion Ratio Lower Upper

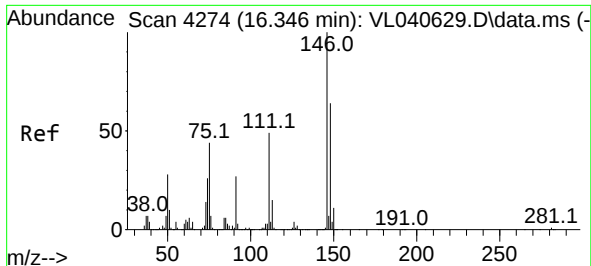
105 100

120 48.2 37.7 56.5

91 62.5 41.2 61.8#

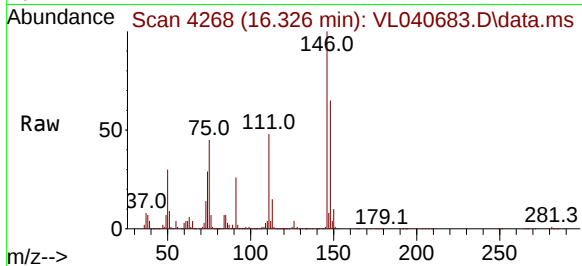
77 25.8 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.942 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

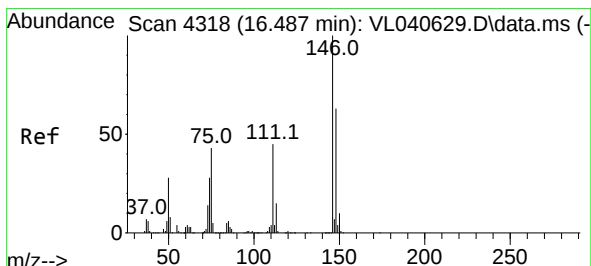
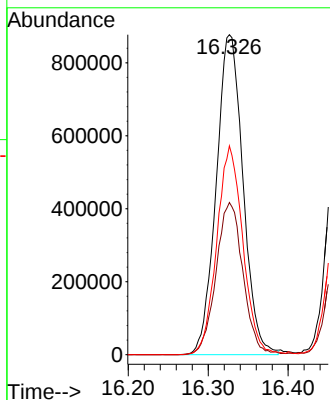
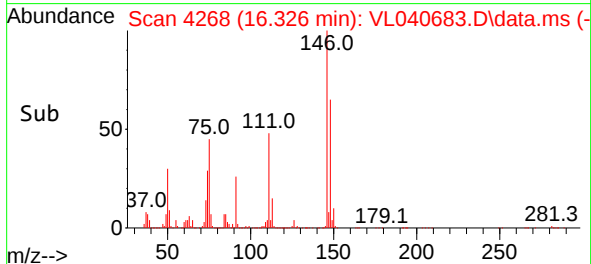
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



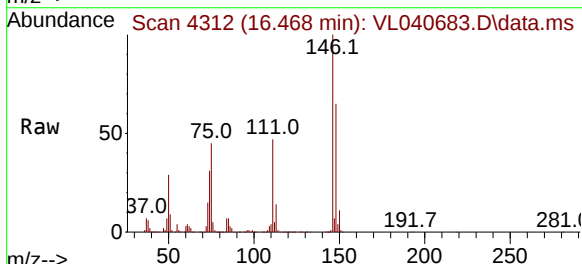
Tgt Ion:146 Resp: 204128
Ion Ratio Lower Upper
146 100
111 47.8 23.7 71.1
148 63.6 31.7 95.1

Manual Integrations
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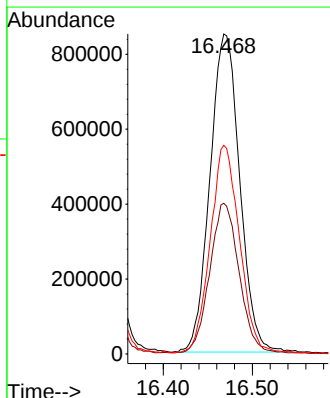
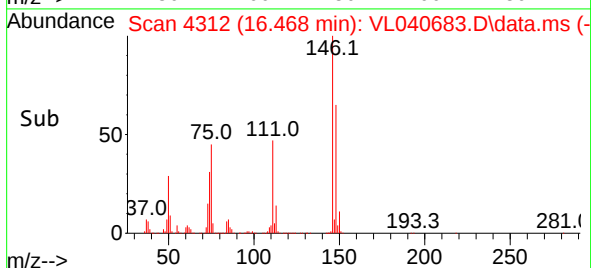
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

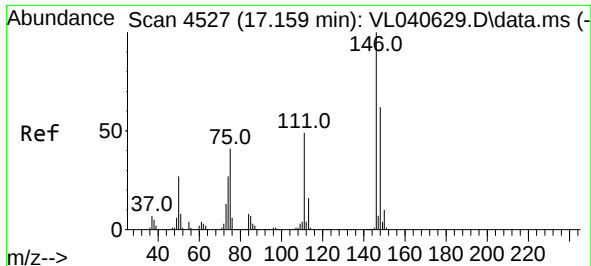


#76
1,4-Dichlorobenzene
Concen: 9.811 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



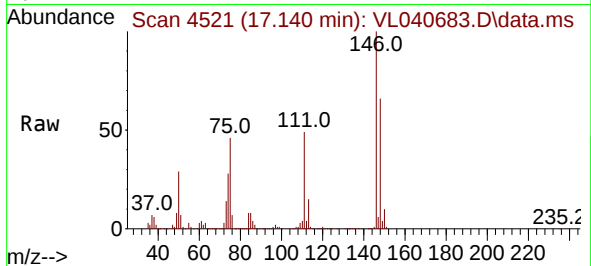
Tgt Ion:146 Resp: 1969146
Ion Ratio Lower Upper
146 100
111 47.5 23.2 69.5
148 65.1 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 9.643 ppbv
RT: 17.140 min Scan# 4527
Delta R.T. -0.019 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

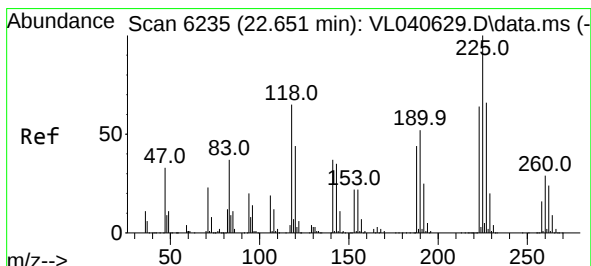
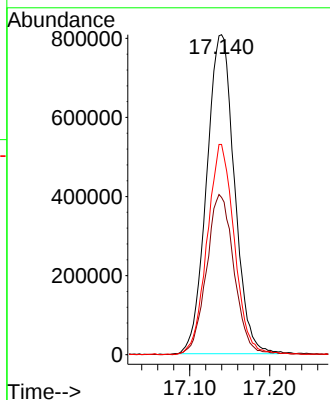
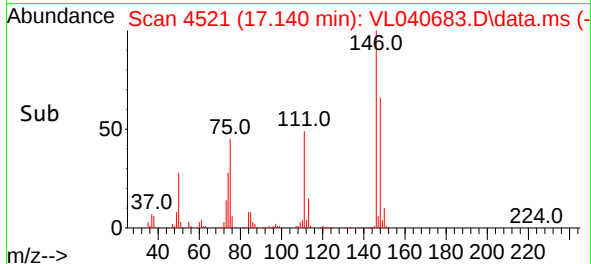
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



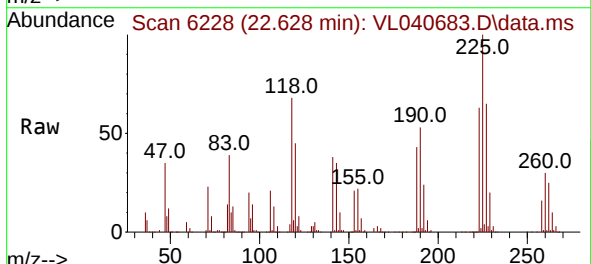
Tgt Ion:146 Resp: 194794
Ion Ratio Lower Upper
146 100
111 50.0 24.6 74.0
148 64.7 32.1 96.5

Manual Integrations
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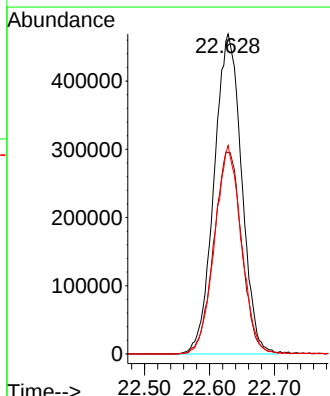
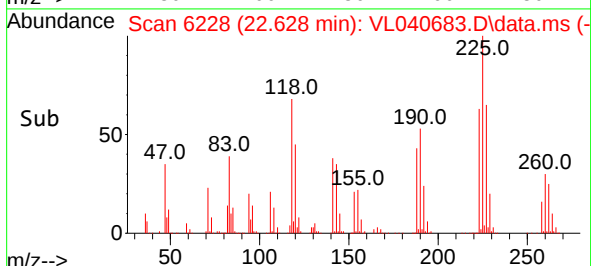
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

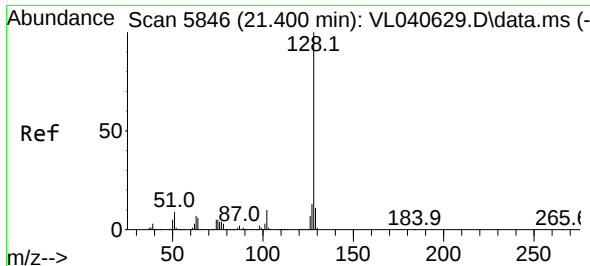


#78
Hexachloro-1,3-Butadiene
Concen: 9.004 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



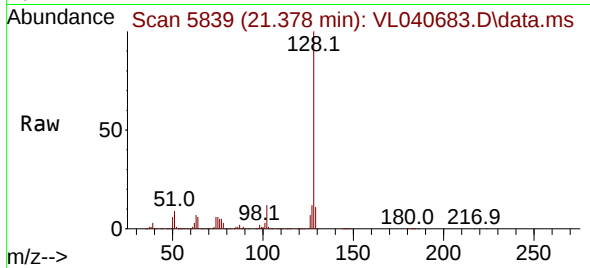
Tgt Ion:225 Resp: 1380087
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 63.4 51.2 76.8





#79
Naphthalene
Concen: 12.206 ppbv
RT: 21.378 min Scan# 5846
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

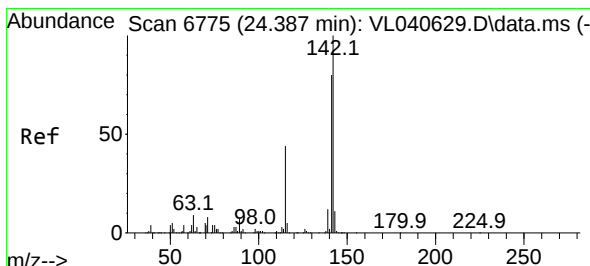
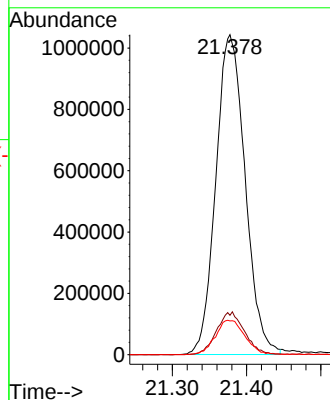
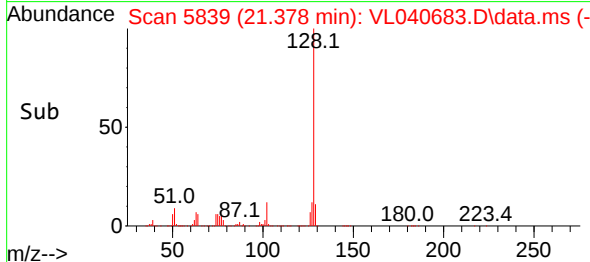
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



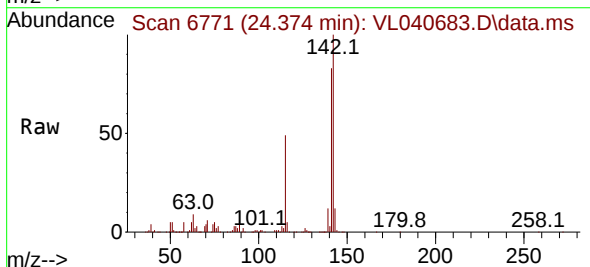
Tgt Ion:128 Resp: 2862472
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.5 9.2 13.8

Manual Integrations
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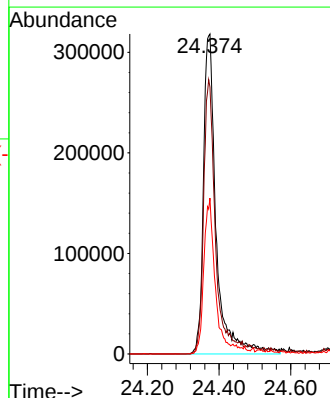
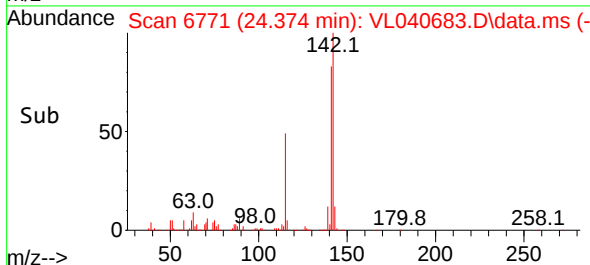
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

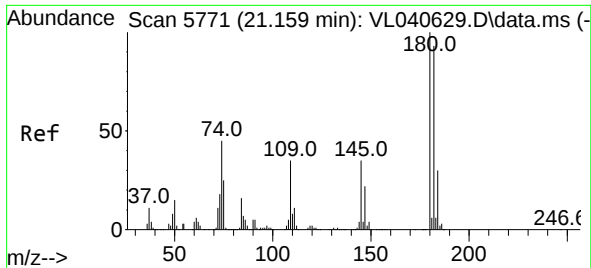


#80
Naphthalene,2-methyl-
Concen: 11.683 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46



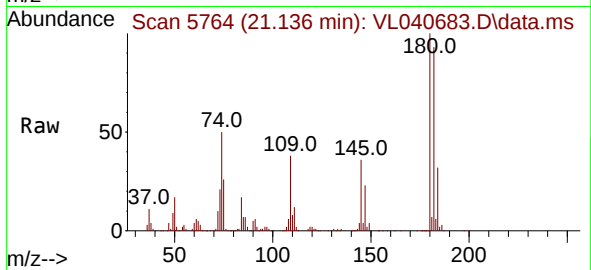
Tgt Ion:142 Resp: 788487
Ion Ratio Lower Upper
142 100
141 83.8 64.6 96.8
115 46.8 33.7 50.5





#81
1,2,4-Trichlorobenzene
Concen: 9.921 ppbv
RT: 21.136 min Scan# 51
Delta R.T. -0.023 min
Lab File: VL040683.D
Acq: 14 Sep 2023 13:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1531360
Ion Ratio Lower Upper
180 100
182 97.4 78.0 117.0
184 30.5 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

